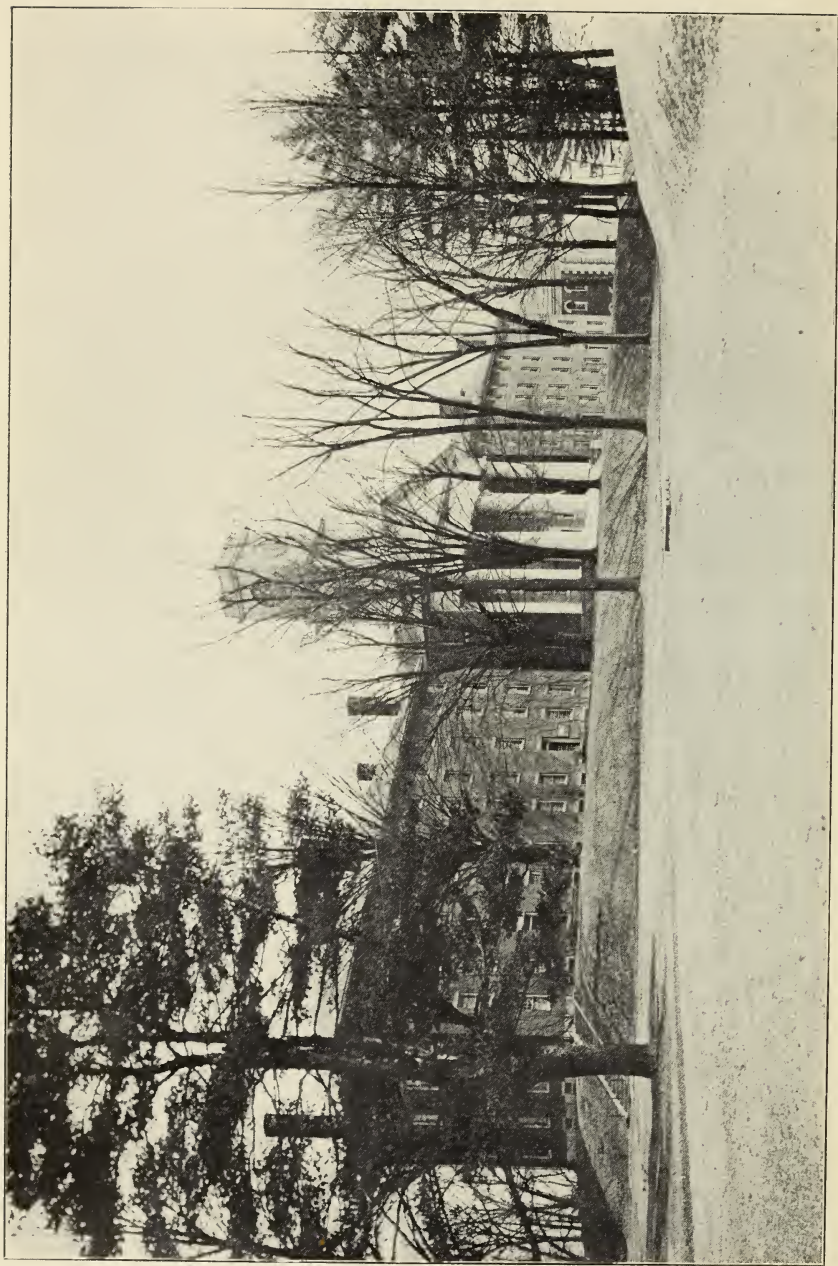




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AMHERST COLLEGE CATALOGUE

Amherst College Catalogue

For the Year
1913-1914



Amherst, Massachusetts
Published by the College

1913

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College Calendar

1913

September	18, Beginning of the College Year	11.30 A.M. Thursday
October	2, Mountain Day, a holiday	Thursday
November	26-28, Thanksgiving Recess	12.20 P.M. Wed. 2.00 P.M. Fri.
December	23, Christmas Recess begins	12.20 P.M. Tuesday

1914

January	6, Christmas Recess ends	2 P.M. Tuesday
Jan. 27-Feb.	4, Semester Examinations	

February	5, Second Half-Year begins	Thursday
February	8, Day of Prayer for Colleges	Sunday
February	23, Washington's Birthday, a holiday	Monday
March	25, Spring Recess begins	12.20 P.M. Wednesday
April	7, Spring Recess ends	2 P.M. Tuesday
May	30, Memorial Day, a holiday	Saturday
June	6, Preliminary Registration Day	Saturday
June	10-19, Semester Examinations	
June	15-20, Examinations for Admission	Monday to Saturday
June	21, Baccalaureate Sermon	Sunday
June	22, Hyde Prize Orations	Monday afternoon
June	22, Kellogg Prize Declamations	Monday evening
June	23, Class Day	Tuesday
June	23, President's Reception	Tuesday afternoon
June	23, Lawn Fête	Tuesday evening
June	24, Commencement Exercises	Wednesday morning
June	24, Alumni Dinner	Wednesday afternoon

SUMMER VACATION OF TWELVE WEEKS

September	10-16, Examinations for Admission	Thursday to Wednesday
September	17, Beginning of the College Year	11.30 A.M. Thursday
October	14-16, Porter Prize Entrance Examinations	
December	22, Christmas Recess begins	12.20 P.M. Tuesday

1915

January	5, Christmas Recess ends	2.00 P.M. Tuesday
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Organization

AMHERST COLLEGE was opened September 19, 1821, when forty-seven students were admitted into the four regular classes. Its charter, received February 21, 1825, confers upon the Corporation the right to perpetuate itself, together with the privileges usually granted to the trustees of such institutions. It provides that the number of trustees shall never be greater than seventeen, seven of whom shall be clergymen and ten laymen, and that the five vacancies first occurring shall thenceforth be filled by the joint ballots of the Legislature of Massachusetts, in convocation of both Houses. This provision was maintained for nearly fifty years, until the Legislature, by an Act passed, and approved by the Governor April 28, 1874, conferred the power of filling these five vacancies upon the Alumni, by whom it is now exercised in accordance with rules adopted by the Board of Trustees in concurrence with the Society of the Alumni. The corporate name of the Institution is "The Trustees of Amherst College."

The general government of the College is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

Corporation

GEORGE ARTHUR PLIMPTON, LL.D. New York, N. Y.

President of the Corporation

ALEXANDER MEIKLEJOHN, PH.D., LL.D.

President of the College Amherst, Mass.

PROF. WILLISTON WALKER, D.D. New Haven, Conn.

Secretary of the Corporation

GEORGE HENRY WHITCOMB, M.A. Worcester, Mass.

REV. WILLIAM HAYES WARD, D.D., LL.D.

New York, N. Y.

CHARLES MILLARD PRATT, M.A. Brooklyn, N. Y.

HON. CHARLES HERBERT ALLEN, LL.D.

New York, N. Y.

ARTHUR CURTISS JAMES, M.A. New York, N. Y.

JOHN WOODRUFF SIMPSON, LL.D. New York, N. Y.

REV. CORNELIUS HOWARD PATTON, D.D.

Boston, Mass.

DEAN WILFORD LASH ROBBINS, D.D., LL.D.

New York, N. Y.

ARTHUR CHARLES ROUNDS, M.A. New York, N. Y.

PROF. ARTHUR LINCOLN GILLETT, D.D.

Hartford, Conn.

TALCOTT WILLIAMS, LL.D., LITT.D. New York, N. Y.

ROBERT ARCHEY WOODS, M.A. Boston, Mass.

REV. JOHN TIMOTHY STONE, D.D. Chicago, Ill.

REV. GEORGE ATWATER HALL Brookline, Mass.

HARRY WELTON KIDDER, B.A. Amherst, Mass.

Treasurer of the Corporation

Overseers of the Charitable Fund

REV. JOHN M. GREENE, D.D.	Boston, Mass.
M. FAYETTE DICKINSON, M.A.	Amherst, Mass.
PROF. WILLIAM B. GRAVES, M.A.	Andover, Mass.
JOHN C. HAMMOND, M.A.	Northampton, Mass.
LEWIS W. WEST, B.A.	Hadley, Mass.
REV. JAMES W. BIXLER, D.D.	New London, Conn.
REV. CHARLES W. MERRIAM	Greenfield, Mass.

HARRY WELTON KIDDER, B.A., *Commissioner*

Faculty

ALEXANDER MEIKLEJOHN, PH.D., LL.D., *President of the College, and Professor of Logic and Metaphysics*

President's House

GEORGE HARRIS, D.D., LL.D., *President Emeritus*

65 Central Park West, New York, N. Y.

GEORGE DANIEL OLDS, LL.D., *Walker Professor of Mathematics, and Dean of the Faculty*

3 Orchard St.

WILLIAM COLE ESTY, LL.D., *Professor Emeritus of Mathematics and Astronomy*

85 Elm St., Worcester, Mass.

ELIJAH PADDOCK HARRIS, PH.D., LL.D., *Professor Emeritus of Chemistry*

Warsaw, N. Y.

BENJAMIN KENDALL EMERSON, PH.D., *Hitchcock Professor of Mineralogy and Geology*

21 Northampton Road

ANSON DANIEL MORSE, LL.D., *Professor Emeritus of History*

Amherst, Mass.

JOHN MASON TYLER, PH.D., *Stone Professor of Biology*

8 Tyler Place

DAVID TODD, PH.D., *Professor of Astronomy and Navigation, and Director of the Observatory*

Observatory House

JOHN FRANKLIN GENUNG, PH.D., D.D., *Professor of Literary and Biblical Interpretation*

6 College St.

WILLIAM LYMAN COWLES, M.A., *Moore Professor of the Latin Language and Literature* 20 Northampton Road

ARTHUR LALANNE KIMBALL, PH.D., *Professor of Physics* 25 Woodside Ave.

EDWIN AUGUSTUS GROSVENOR, LL.D., *Professor of Modern Government and International Law* 7 College St.

HARRY DE FOREST SMITH, M.A., *John C. Newton Professor of Greek* 5 College St.

GEORGE BOSWORTH CHURCHILL, PH.D., *Williston Professor of English Literature* 25 Spring St.

THOMAS CUSHING ESTY, M.A., *Professor of Mathematics* 3 Dana St.

WILLIAM PINGRY BIGELOW, M.A., *Professor of Music* 31 North Pleasant St.

ARTHUR JOHN HOPKINS, PH.D., *Professor of Chemistry* 2 South Pleasant St.

JAMES WALTER CROOK, PH.D., *Professor of Economics* 1 College Ave.

PAUL CHRYSOSTOM PHILLIPS, M.D., *Parmly Billings Professor of Hygiene and Physical Education* 21 Lincoln Ave.

FREDERIC BREWSTER LOOMIS, PH.D., *Professor of Comparative Anatomy* 8 Orchard St.

WILLIAM JESSE NEWLIN, M.A., *Professor of Philosophy* Sunset Ave.

- CLARENCE WILLIS EASTMAN, PH.D., *Professor of the German Language and Literature* 18 Northampton Road
- FREDERIC LINCOLN THOMPSON, M.A., *Winkley Professor of History* 63 South Pleasant St.
- HENRY CARRINGTON LANCASTER, PH.D., *Professor of Romance Languages* 4 Dana St.
- LEVI HENRY ELWELL, M.A., *Associate Professor of Greek, and Instructor in Sanskrit* 5 Lincoln Ave.
- JOSEPH OSGOOD THOMPSON, PH.D., *Associate Professor of Physics* 20 Lessey St.
- HERBERT PERCIVAL GALLINGER, PH.D., *Associate Professor of History* 31 Northampton Road
- ARTHUR HENRY BAXTER, PH.D., *Associate Professor of Romance Languages* 34 Lincoln Ave.
- JOHN CORSA, M.A., *Associate Professor of Public Speaking* 25 Amity St.
- OTTO MANTHEY-ZORN, PH.D., *Associate Professor of German* 25 College St.
- ROBERT PALFREY UTTER, PH.D., *Associate Professor of English* 83 South Pleasant St.
- HOWARD WATERS DOUGHTY, PH.D., *Professor of Chemistry* 77 South Pleasant St.
- WILLIAM AVERILL STOWELL, PH.D., *Associate Professor of Romance Languages* 13 Lincoln Ave.

JOHN MAURICE CLARK, PH.D., *Associate Professor of Economics*
Mt. Doma

RICHARD FRANCIS NELLIGAN, *Associate Professor of Hygiene and Physical Education*
11 Sunset Ave.

HERBERT FRANKLIN HAMILTON, PH.D., *Associate Professor of English*
4 Orchard St.

PERCY ROBERT CARPENTER, B.A., *Associate Professor of Hygiene and Physical Education*
Kendrick Place

CHARLES HANSEN TOLL, PH.D., *Associate Professor of Philosophy*
Snell St.

LAURENCE HOUGHTON PARKER, B.A., *Assistant Professor of Mathematics*
4 South Prospect St.

HERBERT PIERREPONT HOUGHTON, PH.D., *Assistant Professor of Latin*
9 College Ave.

ALFRED SHEPARD GOODALE, B.A., *Assistant Professor of Botany, and Registrar*
3 Parsons St.

CHARLES WIGGINS COBB, PH.D., *Assistant Professor of Mathematics*
Mt. Doma

CLARENCE EDWARD ANDREWS, PH.D., *Assistant Professor of English*
Mt. Doma

WILLIAM RADER WESTHAFFER, M.A., *Assistant Professor of Physics*
9 Woodside Ave.

CHARLES ERNEST BENNETT, PH.D., *Assistant Professor of Latin*
Lincoln Block

WILLIAM ISAAC FLETCHER, M.A., *Librarian Emeritus*
54 North Pleasant St.

ROBERT STILLMAN FLETCHER, B.A., *Otis Librarian*
13 Lincoln Ave.

CLARENCE EDGAR SHERMAN, B.S., *Assistant Librarian*
46 Pleasant St.

CHARLES KINGMAN PERKINS, B.A., *Assistant Registrar*
112 Morris Pratt Memorial Dormitory

THOMAS WAINRIGHT BUSSÒM, *Instructor in Romance Languages*
8 Parsons St.

JOHN BROWN ZINN, PH.D., *Instructor in Chemistry*
Bank Block

EDWARD LEFFINGWELL TROXELL, M.A., *Assistant in Geology*
112 Morris Pratt Memorial Dormitory

HAROLD HENRY PLOUGH, B.A., *Assistant in Biology*
11 Parsons St.

CARL WILLIS HYLAND, *Secretary of the Department of Hygiene and Physical Education*
21 Woodside Ave.

PRESERVED SMITH, PH.D., *Kellogg University Fellow, Lecturer on History*

WILLIAM BUTLER YEATS, *Lecturer on Clyde Fitch Foundation*

Professor WILLIAM HOWARD TAFT, LL.D., *Yale University*
Henry Ward Beecher Lecturer

Professor GEORGE HOWARD PARKER, S.B. SCD., *Harvard University, William Brewster Clark Memorial Lecturer*

Committees of the Faculty

Administration: The PRESIDENT, the DEAN, the REGISTRAR, Professors TYLER, COWLES, ESTY, HOPKINS, NEWLIN

Instruction: The PRESIDENT, Professors KIMBALL, SMITH, CHURCHILL, CROOK, ESTY, LOOMIS, F. L. THOMPSON, EASTMAN, LANCASTER

Library: The PRESIDENT, the TREASURER, the LIBRARIAN, Professors TYLER, CROOK, OLDS, F. L. THOMPSON, LANCASTER, BIGELOW

Catalogue: The PRESIDENT, the REGISTRAR, Professors SMITH, UTTER

Admission: The PRESIDENT, the DEAN, the REGISTRAR

Board of Public Exhibitions: Faculty members: Professors CHURCHILL, NEWLIN, CORSA.

Athletics: Professors PHILLIPS, F. L. THOMPSON, CROOK, LOOMIS, STOWELL

Fellows

PRESERVED SMITH, PH.D., *Kellogg University Fellow*
Amherst, Mass.

ALLISON WILSON MARSH, B.A., *Edward Hitchcock Fellow*
Amherst, Mass.

LEWIS DAYTON STILWELL, B.A., *Roswell Dwight Hitchcock
Fellow*
Cambridge, Mass.

ORDWAY TEAD, B.A., *South End House Fellow*
Boston, Mass.

List of College Preachers

1912-1913

Prof. TALCOTT WILLIAMS, LL.D., LITT.D.	New York, N. Y.
Rev. EDWARD HUME, D.D.	New Haven, Conn.
Rev. HUGH BLACK, D.D.	New York, N. Y.
Rev. JOHN TIMOTHY STONE, D.D.	Chicago, Ill.
Rev. LEWIS T. REED	Brooklyn, N. Y.
Rev. FRANK J. GOODWIN, D.D.	Washington, D. C.
Rev. ALBERT P. FITCH, D.D.	Cambridge, Mass.
Rev. JASON NOBLE PIERCE	Oberlin, O.
Rev. NEHEMIAH BOYNTON, D.D.	Brooklyn, N. Y.
Rev. WILLIAM G. THAYER, D.D.	Southboro, Mass.
Pres. MARION L. BURTON, D.D., LL.D.	Northampton, Mass.
Rev. S. PARKES CADMAN, D.D.	Brooklyn, N. Y.
Rev. WILLIS H. BUTLER	Boston, Mass.
Rev. JAY T. STOCKING, D.D.	Newtonville, Mass.
Rev. CHARLES S. MILLS, D.D.	Montclair, N. J.
Rev. F. BOYD EDWARDS	Orange, N. J.
Rev. ELLIS BISHOP	Amherst, Mass.
ROBERT E. SPEER, D.D.	New York, N. Y.
Rev. H. ROSWELL BATES	New York, N. Y.
Rev. ROCKWELL H. POTTER, D.D.	Hartford, Conn.
Prof. CHARLES H. BROWN, D.D.	New Haven, Conn.
Rev. EDWARD F. SANDERSON	Brooklyn, N. Y.
President JOHN M. THOMAS, D.D., LL.D.	Middlebury, Vt.
President Emeritus GEORGE HARRIS, D.D., LL.D.	New York, N. Y.
Rev. EDWARD T. SULLIVAN	Newton Center, Mass.
Rev. CLARENCE H. WILSON	Glen Ridge, N. J.

Rev. AUGUSTUS M. LORD	Providence, R. I.
Rev. HOWARD S. BLISS, D.D.	Beirût, Syria
Rev. HENRY P. DEWEY, D.D.	Minneapolis, Minn.
Rt. Rev. THOMAS F. DAVIES, D.D. . . .	Springfield, Mass.
Rev. HARRY E. FOSDICK	Montclair, N. J.
Rev. T. CALVIN McCLELLAND, D.D. . .	Brooklyn, N. Y.
Prof. JOHN F. GENUNG, D.D.	Amherst, Mass.
President ALEXANDER MEIKLEJOHN, LL.D.	Amherst, Mass.

Administration

TERMS AND VACATIONS

THE academic year includes thirty-six weeks of term time. There is a Christmas Recess of two weeks, a Spring Recess of two weeks, and a Summer Vacation of twelve weeks. Commencement Day is the last Wednesday in June.

Courses of study are arranged in two semesters of eighteen weeks each. A schedule of courses is published at the beginning of the year. Rules regarding examinations, delinquencies, and absences, are published in the Undergraduate Course Book.

TERM BILLS AND FEES

Term bills, including tuition, use of library and gymnasium, and all ordinary incidentals, amount to one hundred and forty dollars for the year, of which eighty dollars is required in advance at the beginning of the first semester and sixty dollars at the beginning of the second semester.

Each member of the Senior class is required to pay a graduation fee of six dollars at the beginning of the second semester of Senior year.

LABORATORY FEES

Physics	{ First year, each semester	\$5.00
	{ Second and third years, each semester	7.00
Biology	{ First year, each semester	3.00
	{ Second and third years, each semester	5.00
	{ Seniors in special laboratory courses, each semester	5.00
Chemistry	{ First year, first semester	5.00
	{ First year, second semester	4.00
	{ Second, third, and fourth years, each semester	10.00

These fees must be paid on or before the first day of the semester for which they are charged. Dues for breakage must be paid at the close of the semester.

EXPENSES

The following table shows three scales of annual expenditures, not including clothing, vacation expenses, laboratory charges, membership of societies, and incidentals:

	Low	Moderate	Liberal
Tuition	\$140.00	\$140.00	\$140.00
Room (one half)	42.50	55.00	112.50
Furniture (annual average)	10.00	20.00	30.00
Board thirty-six weeks	198.00	216.00	252.00
Fuel and light	10.00	15.00	25.00
	<hr/>	<hr/>	<hr/>
	\$400.50	\$446.00	\$668.50

The dormitories accommodate about two hundred students, and the fraternity houses about two hundred and fifty. Rooms can be rented at moderate rates in private houses. Board is furnished at various places in the town, at prices of from five to seven dollars a week.

ATTENDANCE AT CHURCH AND CHAPEL

Prayers are conducted by the President each week-day morning at a quarter past eight o'clock in Johnson Chapel. All students are required to be present. Public worship is held every Sunday at a quarter before eleven o'clock in the College Church. All students, not excused to attend elsewhere, are required to be present. A communion service is held in the College Church three times during the year.

Absences from chapel services are allowed upon an average

once a week for each semester; from the Sunday services, four absences are allowed in each semester.

Instead of attendance upon the Sunday service of the College Church, any student, on application to the Dean, is permitted to attend church service elsewhere with the denomination of his choice. If the student is under twenty-one years of age, his application must be accompanied by a written request from his parent or guardian.

All applications for excuses from church and chapel exercises must be made to the Dean.

ATTENDANCE AT GYMNASIUM

The department of hygiene and physical education is under the charge of a physician, who keeps himself acquainted with the health of the students. Each student soon after he enters College, and twice thereafter during his course, if he so desires, is given a careful physical examination and advised how to maintain his health and increase his physical efficiency.

Three hours a week of physical exercise are required of the Freshman, Sophomore, and Junior Classes in the first and second terms of the year. Freshmen commence their work at the beginning of the year; Sophomores and Juniors November first. A limited number of students are excused from attendance at the gymnasium while they are actively training for one of the athletic teams of the College.

The members of each class except Seniors are required to exercise regularly in the gymnasium three times every week, during the Autumn and Winter terms. During the fall the prescribed work is taken outdoors at Pratt Field.

In the natatorium, swimming is taught by a competent instructor. Every student who on entering College cannot swim is required to learn during the first year and before

the end of Sophomore year to pass the college requirements in swimming.

The results of this system of prescribed physical training, pursued in the College for half a century, have been eminently satisfactory. Statistics systematically kept for more than fifty years, indicate that the health of Amherst College students is likely to improve during their course. Part of this improvement may be due to the healthful climate of Amherst, but more is the result of education of the students in personal hygiene and of systematic exercise, as the reverse conditions existed before the department was introduced.

An annual inspection is made of all fraternity houses with respect to their sanitary condition and safety in case of fire.

REPORTS OF STANDING

Rank in each subject is reported as follows:

A, 90-100 per cent; B, 80-89 per cent; C, 70-79 per cent. D, 60-69 per cent; E, 50-59 per cent; F, below 50 per cent; The passing grade in all departments is 60 per cent.

EXTRA COURSES

A student who has an average of not less than 75 in the previous semester, and has not failed in any course in that semester, may elect six courses. In all other cases extra courses may be taken only with the approval of the Administration Committee.

Petitions for such courses shall be made on blanks furnished by the Registrar's office. The student shall indicate on his schedule the course which is extra. After two weeks the Registrar may not charge an extra course to a regular course without the consent of the Administration Com-

mittee. Credit is not given for an extra course, unless it is taken as a substitute for a previous delinquency or to enable the student to graduate in less than four years. Credits for extra courses may not be substituted for delinquencies subsequently incurred. A student who has failed to complete the required number of studies in any semester is not permitted to take an extra course in the following semester, unless exception is made by the Administration Committee. A student who, by reason of failing in one course the first semester, takes only four courses in the second semester, may, if he maintains a standing of 75 in those courses, take six courses the following year.

ADVISERS

Immediately upon entering College every Freshman is required to submit his choice of studies to the Registrar for approval. During the year a member of the Instruction Committee will be assigned as his adviser and the student will be expected to consult him as to his course in general and upon any other subject related to his college life whenever he feels the need.

Degrees

DEGREE OF BACHELOR OF ARTS

CANDIDATES for the degree of Bachelor of Arts are required to complete, in addition to the studies of Freshman year, at least thirty semester courses. The whole course of study must be arranged in accordance with the plan on pages 55-59. They must also in order to graduate have no outstanding deficiencies in the work of any semester, and must attain an average grade of 70. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship.

Summa cum laude rank is fixed at 93, *magna cum laude* at 88, and *cum laude* at 80.

DEGREE OF BACHELOR OF SCIENCE

Candidates for the degree of Bachelor of Science are required to complete, in addition to the studies of Freshman year, not less than thirty semester courses. The whole course of study must be arranged in accordance with the plan on pages 55-59. They must also in order to graduate have no outstanding deficiencies in the work of any semester, and must attain an average grade of 70. Besides the mathematics of Freshman year they shall complete twelve semester courses in natural sciences, mathematics, and economics. Sciences taken in Freshman year and two courses in economics may be included in the twelve courses required, but Mathematics 1, 2 of the first year may not be included. They shall complete also the second year of German and the second year of a Romance language, Sophomore English, and first year Physics in the Sophomore

year. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship, as specified above under B. A. degree.

The degree of Bachelor of Science will not be conferred after June, 1917.

GRADUATION IN LESS THAN FOUR YEARS

GRADUATION IN THREE YEARS

A student who has at entrance, by examination, credit for four semester courses, may take six courses each semester, in addition to the required work in declamation and hygiene in order to obtain a degree in three years. Written notice of intention to complete the course in three years must be given to the Registrar at the beginning of the first year.

GRADUATION IN THREE AND ONE-HALF YEARS

A student may complete the course in three and one-half years by taking in addition to the regular work an extra course in each of five semesters, and may take his degree at the Commencement following. Written notice of intention to complete the course in three and one half-years must be given to the Registrar at the beginning of the second year. On completion of the requisite number of courses the student may on petition obtain leave of absence until the time when the degree is conferred.

DEGREE OF MASTER OF ARTS

Every candidate for the degree of Master of Arts must make application to the Committee on Instruction for permission to enter upon a course of study for the degree. The application for the degree must be made not later than December 1 by candidates who complete the work for the Bachelor's degree at the end of the first semester of Senior

year, and who wish to apply the remainder of the year to studies leading to the Master's degree. For this purpose a blank may be obtained from the Registrar. On this blank the applicant must indicate the department in which he wishes to pursue his major course of study, and return his application to the Registrar. If this preliminary application is accepted by the Committee on Instruction the applicant will be notified of that fact, and also of the name of the professor whom he must consult as to the selection of all his courses, and under whose general direction his courses will be pursued.

The applicant must select four courses, two in the department of his major subject, and two others, known as a minor, in other departments unless exception be made by the Committee on Instruction. The standard of work for each candidate is a minimum grade of 80 in each of his courses. The amount of work done must be acceptable to the teachers concerned and the Committee on Instruction. Special examinations may be given at any time at the will of the teacher. A final examination in each course is held in the case of every candidate for the Master's degree, and this final examination is at least partly oral. The oral examination is open to all members of the faculty, and they are allowed to question the candidate as they desire.

From every candidate there is also required a thesis on such subject and under such conditions as are set by the head of the major department, and this thesis must be accepted and approved by him before the candidate is admitted to the final examination.

Candidates are expected to appear in person at the conferring of the degree.

Communications relative to the degree should be addressed to the Secretary of the Committee on Instruction, in care of the Registrar.

Degrees Conferred June 25, 1913

Bachelor of Arts

Magna Cum Laude

Frederick Leslie Cadman	George Daniel Olds, Jr.
Louis Goldsborough Caldwell	George Scatchard
Paul Francis Good	

Cum Laude

Harold Gates Allen	Herbert Hammond Pride
Timothy Joseph Burns	Frederick Russell Pope
John Locke Coates	Irving Edward Richard
George Remington Havens, Jr.	John Woodruff Simpson
Carroll Lyman Hopkins	Lewis Dayton Stilwell
John Munro Jaqueth	Albert Louis Stirn
Henry Smith Leiper	Raymond Worthington Stone
Allison Wilson Marsh	Clarence Leon Tappin
Randolph Seaman Merrill	Miner Worthington Tuttle
Walter Weaver Moore	Ralph Wells Westcott
Harold Philip Partenheimer	Sandford Potter Wilcox
Harold Henry Plough	

Rite

Frank Lusk Babbott, Jr.	Francis Timothy Gilligan
Charles Fifield Bailey	Horatio Gates Glen
Preston Rogers Bassett	Theodore Ainsworth Greene
Horace Potter Belden	Frederick John Guettier
Harold Van Yorx Caldwell	Robert Alden Jenkins
George Ewing Clapp	Charles Lindley Johnston
Samuel Henry Cobb	John Lord King
Bartholomew Joseph Connolly	John Henry Klingensfeldt, Jr.
John Wallace Coxhead	Edward Chevalier Knudson
Walter Wensley Coyle	Kenneth Clement Lindsay
John Eden Farwell	Henry Sprague Loomis
Raymond James Fitzsimmons	James Focht McClure

Rite—Continued

Albert Millard Morris
Edward Stiles Morse
Hermon King Murphey
Charles Edwards Parsons
Hamilton Patton
Hilliard Alonzo Proctor
James Robert Quill
Gain Robinson
Emerson Sheldon Searle
Winfield Scott Slocum
John Worthington Steele
Frank Palmer Stelling

Bruce Negus Stimets
George Lester Stone
John Tyler Storrs
Robert Irving Stout
Erling Aubrey Stubbs
Charles Hastings Wadhams
Joseph Spencer Wesby
William Henry Whitney
William Joralemon Wilcox
Harry Converse Wilder
Gerald Humphrey Williamson

Bachelors of Science

Cum Laude

Geoffrey Atkinson
Arthur Hazard Bond

Raymond Witherspoon Cross
Frederick John Heinritz

Rite

Herbert Charles Allen, Jr.
Otis Averill
Raymond Gregory Barton
Kenneth Burwell Beckwith
Chauncey Benedict
Harold McMillan Bixby
Robert Henry Browne
Frank Samuel Collins
Thomas Flint Cousins
William Galloway Hamilton
Howard Charles Harding

Wilton Audubon Hardy
Herschel Scott Konold
Hugh Warwick Littlejohn
John Stanley Moore
Clark Monroe Price
Perry Alexander Proudfoot
Walter Willoughby Smith
Nelson Stone
James Addison Tilden, Jr.
Judah Edgar Voorhees

Amherst College

Honorary Degrees

MASTER OF ARTS

WILLIAM KEENEY BIXBY

DOCTOR OF DIVINITY

HARLAN PAGE BEACH

JAY THOMAS STOCKING

DOCTOR OF LETTERS

ALFRED GROSVENOR ROLFE

DOCTOR OF LAWS

MARION LEROY BURTON

HARLAN FISKE STONE

WILLIAM COX REDFIELD

CHARLES SEYMOUR WHITMAN

Admission

ALL candidates for admission to College must present satisfactory testimonials of good moral character.

The subjects which may be presented in satisfaction of the requirements for admission to the Freshman Class, together with the number of points at which each is valued, are given in the following list. The basis of valuation is one point for a course pursued five hours per week for a school-year.

LIST OF SUBJECTS

Biology	$\frac{1}{2}$ point
Botany	$\frac{1}{2}$ point
Chemistry	1 point
English A	2 points
B	1 point
French A	2 points
B	1 point
German A	2 points
B	1 point
Greek A, B	2 points
C, H, F	1 point
Harmony (Music B)	1 point
History A, B, C, D	1 point each
Latin 1	1 point
2	1 point
4	1 point
5	1 point

Mathematics A	$1\frac{1}{2}$ points
A 1	1 point
A 2	$\frac{1}{2}$ point
C	1 point
B, D, F	$\frac{1}{2}$ point each
Physics	1 point
Physiography	1 point
Physiology	$\frac{1}{2}$ point

A subject not included in the above list, that has been pursued so far as to be equivalent to one or two semesters of that subject in College, may be presented, on examination, as an advanced subject.

REQUIREMENTS FOR ADMISSION TO THE BACHELOR OF ARTS COURSE

All candidates for admission to the course leading to the degree of Bachelor of Arts must present entrance credits amounting to fourteen points. The subjects presented must include Latin or Greek, English, Mathematics and History. The total requirement may be met in any one of the three ways described in the following groups.

GROUP 1

Latin 1, 2, 4, 5
 Greek A, B, C, H, F
 Mathematics A, C
 English A and B
 History A

In addition at least one-half point must be made from the list on pages 29-30.

GROUP 2

- { Latin 1, 2, 4, 5 and Greek A, B
or
Greek A, B, C, H, F and Latin 1, 2, 4
Mathematics A and C
English A and B
History A

In addition at least one and one-half points must be made from the list on pages 29-30.

GROUP 3

- { Latin 1, 2, 4, 5
or
Greek A, B, C, H, F
Mathematics A and C
English A and B
History A

In addition, if Latin is presented, at least three and one-half points, and, if Greek is presented, four and one-half points, must be made from the list on pages 29-30. Two of these points must be a modern language.

REQUIREMENTS FOR ADMISSION TO SPECIAL COURSES

For admission to a special course not leading to a degree, every candidate must present twelve points, which must include the following elementary subjects:

- Mathematics A and C
English A and B
History A or B or C or D
Chemistry or Physics

And one point from the following advanced subjects:

Mathematics B, D, F

French B

German B

And three and one-half points from the list on pages 29-30.

No candidate will be accepted as a special student who does not present one of the advanced subjects.

ADMISSION SUBJECTS IN DETAIL

In the following accounts of subjects in detail, the small letters at the left represent the divisions of the subject recognized by the College Entrance Examination Board and used in designating their examination papers.

LATIN

The College has adopted the following definitions of requirements proposed by the Commission on College Entrance Requirements in Latin.

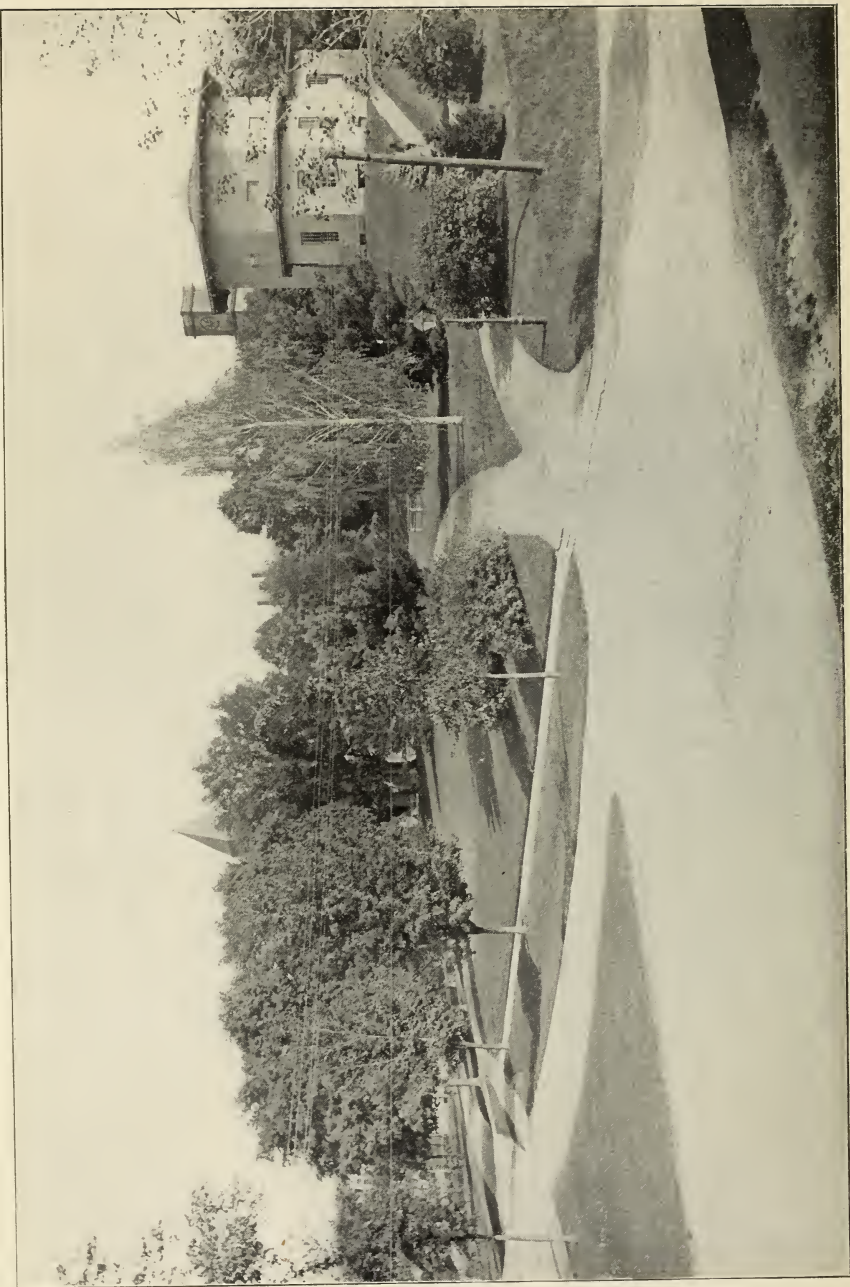
AMOUNT AND RANGE OF READING REQUIRED

The Latin reading required of candidates for admission to College, without regard to the prescription of particular authors and works, shall be not less *in amount* than Cæsar, *Gallic War*, I-IV; Cicero, the *Orations against Catiline*, for the *Manilian Law*, and for *Archias*; Vergil, *Æneid*, I-VI.

The amount of reading specified above shall be selected by the schools from the following authors and works: Cæsar (*Gallic War* and *Civil War*) and Nepos (*Lives*); Cicero (*Orations*, *Letters*, and *De Senectute*) and Sallust (*Catiline* and *Jugurthine War*); Vergil (*Bucolics*, *Georgics*, and *Æneid*) and Ovid (*Metamorphoses*, *Fasti*, and *Tristia*).

SUBJECTS AND SCOPE OF THE EXAMINATION

Translation at Sight. Candidates will be examined in



ENTRANCE TO THE GROUNDS

translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

Prescribed Reading. Candidates will be examined also upon the following prescribed reading: Cicero, *Orations for the Manilian Law* and *for Archias*, and Vergil, *Æneid*, I, II, and either IV or VI at the option of the candidate, with questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both these parts of the paper, or they will not be given credit for either part.

Grammar and Composition. The examination in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

SUBJECTS FOR EXAMINATION

1. Grammar.—The examination will presuppose the reading of the required amount of prose, including the prose works prescribed.

2. Elementary Prose Composition.—The examination will presuppose the reading of the required amount of prose, including the prose works prescribed.

4. Cicero (*Orations for the Manilian Law* and *for Archias*) and Sight Translation of Prose.

5. Vergil (*Æneid*, I, II, and either IV or VI, at the option of the candidate) and Sight Translation of Poetry.

GREEK

ELEMENTARY GREEK

A 1. Greek grammar.

2. Greek Composition. Translation into Greek of short sentences illustrating common principles of syntax.

The examination in grammar and prose composition will be based on the first two books of Xenophon's *Anabasis*.

B. Xenophon's *Anabasis*, Books I-IV.

ADVANCED GREEK

C. Homer's *Iliad*, Books I-III (omitting Book II 494-end) and the Homeric forms, constructions, idioms and prosody.

F. Prose composition, consisting of continuous prose based on Xenophon and other Attic prose of similar difficulty.

H. Translation of passages of Homer at sight.

MATHEMATICS

ELEMENTARY MATHEMATICS

A. Elementary algebra.

The four fundamental operations for rational algebraic expressions. Factoring, determination of highest common factor and lowest common multiple by factoring; fractions, including complex fractions, and ratio and proportion; linear equations, both numerical and literal, containing one or more unknown quantities; problems depending on linear equations; radicals, including the extraction of the square root of polynomials and of numbers; exponents, including the fractional and the negative; quadratic equations, both numerical and literal; simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations; problems depending on quadratic equations, the binomial theorem for positive

integral exponents; the formulas for the n th term and the sum of the terms of arithmetical and geometric progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

C. Plane geometry.

The usual theorems and constructions of good text-books including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle; the solution of numerous original exercises, including loci problems; applications to the mensuration of lines and plane surfaces.

II. ADVANCED MATHEMATICS

B. Advanced algebra.

Permutations and combinations, limited to simple cases; complex numbers, with graphical representation of sums and differences; determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations; numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes's rule of signs and Horner's methods, but not Sturm's functions or multiple roots.

D. Solid geometry.

The usual theorems and constructions found in good text-books, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle; the

solution of numerous original exercises, including loci problems; applications to the mensuration of surface and solids.

F. Plane trigonometry.

Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles; proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and of the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or two cosines, etc., the transformation of trigonometric expressions by means of these formulas; solutions of trigonometric equations of a simple character; theory and use of logarithms (without the introduction of work involving infinite series).

In elementary algebra and plane geometry no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the student's admission to college. No certificate given by a preparatory school will be accepted for work in solid geometry, advanced algebra, or plane trigonometry.

ENGLISH

The study of English in school has two main objects:

(1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

ENGLISH GRAMMAR AND COMPOSITION

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered;

and practice in composition, oral as well as written, should extend throughout the secondary-school period. Written exercises may well comprise narration, description, easy exposition, argument, and letter-writing. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

LITERATURE

The second object is sought by means of two lists of books, headed respectively *Reading* and *Study*, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student should be trained in reading aloud and encouraged to commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history.

A. READING.*—The aim of this course is to foster in the student the habit of intelligent reading and to develop a taste for good literature by giving him a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

* The requirements here given are those recommended by the National Conference on Uniform Entrance Requirements in English for 1915-19. Amherst College accepts also the requirements recommended by the Conference for 1913-14, which will be found to be included in these lists. Substitutions in these lists may be accepted provided they are submitted to the Registrar on or before the first day of February preceding the examination.

For students entering in 1914-1919:

With a view to a large freedom of choice, the books provided for reading are arranged in the following groups, from each of which at least two selections are to be made, except as otherwise provided under Group I.

GROUP I. CLASSICS IN TRANSLATION.—The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther. The *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII. The *Iliad*, with the omission, if desired, of Book XI, XIII, XIV, XV, XVII, XXI; The *Æneid*.

(The *Odyssey*, *Iliad*, and *Æneid* should be read in English translations of recognized literary excellence.)

For any selection from this group a selection from any other group may be substituted.

GROUP II. SHAKESPEARE.—*Midsummer Night's Dream*, *Merchant of Venice*, *As You Like It*, *Twelfth Night*, *The Tempest*, *Romeo and Juliet*, *King John*, *Richard II*, *Richard III*, *Henry V*, *Coriolanus*, *Julius Cæsar*, *Macbeth*, *Hamlet*.*

GROUP III. PROSE FICTION.—Malory, *Morte d'Arthur* (about 100 pages); Bunyan, *Pilgrim's Progress*, Part I; Swift, *Gulliver's Travels* (voyages to Lilliput and to Brobdingnag); Defoe, *Robinson Crusoe*, Part I; Goldsmith, *Vicar of Wakefield*; Frances Burney, *Evelina*; Scott's Novels, any one; Jane Austen's Novels, any one; Maria Edgeworth, *Castle Rackrent*, or *The Absentee*; Dickens' Novels, any one; Thackeray's Novels, any one; George Eliot's Novels, any one; Mrs. Gaskell, *Cranford*; Kingsley, *Westward, Ho!* or *Hereward, the Wake*.

GROUP IV. ESSAYS, BIOGRAPHY, ETC.—Addison and Steele, *The Sir Roger de Coverly Papers* or Selections from the *Tatler* and *Spectator* (about 200 pages); Boswell, *Selec-*

* If not chosen for study under B.

tions from the *Life of Johnson* (about 200 pages); Franklin, *Autobiography*; Irving, Selections from the *Sketch Book* (about 200 pages) or *Life of Goldsmith*; Southey, *Life of Nelson*; Lamb, Selections from the *Essays of Elia* (about 100 pages); Lockart, Selections from the *Life of Scott* (about 200 pages); Thackeray, Lectures on Swift, Addison, and Steele in the *English Humorists*; Macaulay, any one of the following essays *Lord Clive*, *Warren Hastings*, *Milton*, *Addison*, *Goldsmith*, *Frederick the Great*, *Madame d'Arblay*; Trevelyan, Selections from the *Life of Macaulay* (about 200 pages); Ruskin, *Sesame and Lilies* or Selections (about 150 pages); Dana, *Two Years before the Mast*; Lincoln, Selections, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Horace Greeley, together with a brief memoir or estimate of Lincoln; Parkman, *The Oregon Trail*; Thoreau, *Walden*; Lowell, Selected Essays (about 150 pages); Holmes, *The Autocrat of the Breakfast Table*; Stevenson, *An Inland Voyage and Travels with a Donkey*; Huxley, *Autobiography* and selections from *Lay Sermons*, including the addresses on *Improving Natural Knowledge*, *A Liberal Education* and *A Piece of Chalk*; A collection of Essays by Bacon, Lamb, De Quincey, Hazlitt, Emerson, and later writers. A collection of Letters by various standard writers.

GROUP V. POETRY.—Palgrave, *Golden Treasury* (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave, *Golden Treasury* (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under B); Goldsmith, *The Traveller* and *The Deserted Village*; Pope, *The Rape of the Lock*; a collection of English and Scottish Ballads, as, for example, some Robin Hood ballads, *The Battle of Otterburn*, *King Estmere*, *Young Beichan*, *Bewick* and *Grahame*, *Sir Patrick Spens*, and a selection from later ballads;

Coleridge, *The Ancient Mariner*, *Christabel*, and *Kubla Khan*; Byron, *Childe Harold*, Canto III or IV, and *The Prisoner of Chillon*; Scott, *The Lady of the Lake* or *Marmion*; Macaulay, *The Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, *Irry*; Tennyson, *The Princess*, or *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning, *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Pied Piper*, “*De Gustibus—*,” *Instans Tyrannus*; Arnold, *Sohrab and Rustum*, and *The Forsaken Merman*; Selections from American Poetry, with special attention to Poe, Lowell, Longfellow, and Whittier.

B. STUDY.—This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. The books provided for study are arranged in four groups, from each of which one selection is to be made.

GROUP I. DRAMA.—Shakespeare, *Julius Cæsar*, *Macbeth*, *Hamlet*.

GROUP II. POETRY.—Milton, *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*; Tennyson, *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*; The Selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's *Golden Treasury* (First Series).

GROUP III. ORATORY.—Burke, *Speech on Conciliation with America*; Macaulay's *Speech on Copyright* and Lincoln's *Speech at Cooper Union*; Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*.

GROUP IV. ESSAYS.—Carlyle, *Essay on Burns*, with a selection from Burns's Poems; Macaulay, *Life of Johnson*; Emerson, *Essay on Manners*.

EXAMINATION

However accurate in subject-matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling, or other essentials of good usage.

The examination will be divided into two parts, one of which will be on grammar and composition, and the other on literature.

In grammar and composition the candidate may be asked specific questions upon the practical essentials of these studies, such as the relation of the various parts of a sentence to one another, the construction of individual words in a sentence of reasonable difficulty, and those good usages of modern English which one should know in distinction from current errors. The main test in composition will consist of one or more essays, developing a theme through several paragraphs; the subjects will be drawn from the books read, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading. For this purpose the examiner will provide several subjects, perhaps eight or ten, from which the candidate may make his own selections. He will not be expected to write more than four hundred words per hour.

The examination in literature will include:

A. General questions designed to test such a knowledge and appreciation of literature as may be gained by fulfilling the requirements defined under (a) READING, above. The candidate will be required to submit a list of the books read in preparation for the examination, certified by the principal of the school in which he was prepared; but this list will not be made the basis of detailed questions.

B. A test on the books prescribed for study, which will consist of questions upon their content, form, and structure, and upon the meaning of such words, phrases, and allusions as may be necessary to an understanding of the works and an

appreciation of their salient qualities of style. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language Association of America. See page 84 for college courses which correspond to the work prescribed for preparation.

A. ELEMENTARY FRENCH

The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English) and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar,

with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About, *Le Roi des Montagnes*; Bruno, *Le Tour de la France*; Daudet's casier short tales; Bedollière, *La Mère Michel et son Chat*; Erckmann-Chatrian's stories; Foa, *Contes Biographiques* and *Le petit Robinson de Paris*; Foncin, *Le Pays de France*; Labiche and Martin, *La Poudre aux Yeux* and *Le Voyage de M. Perrichon*; Legouvé and Labiche, *La Cigale chez les Fourmis*; Malot, *Sans Famille*; Mairet, *La Tache du petit Pierre*; Mérimée, *Colomba*; extracts from Michelet; Sarcey, *Le Siège de Paris*; Verne's stories.

B. ADVANCED FRENCH

The work should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau *Le Gendre de M. Poirier*; Béranger's poems; Corneille, *Le Cid* and *Horace*; Coppée's poems; Daudet, *La Belle-Nivernaise*; La Brète, *Mon Oncle et mon Curé*; Madame de Sévigné's letters; Hugo, *Hernani* and *La Chute*; Labiche's plays; Loti, *Pêcheur d'Islande*; Mignet's historical writings; Molière, *L'Avare* and *Le Bourgeois Gentilhomme*; Racine, *Athalie*, *Andromaque*, and *Esther*; George Sand's plays and stories; Sandeau, *Mademoiselle de la Seiglière*; Scribe's plays; Thierry, *Récits des Temps Mérovingiens*; Thiers, *L'Expédition de Bonaparte en Egypte*; Vigny, *La Canne de Jonc*; Voltaire's historical writings.

GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

See page 70 for college courses which correspond to the work prescribed for preparation.

A. ELEMENTARY GERMAN

The preparation should comprise a thorough drill in elementary grammar and composition and enough reading of texts classified as elementary by the Committee of Twelve or in the publishers' catalogues to enable the pupil to read simple German at sight. Oral work is of great value if the subject is to be continued in college. Two years are necessary as preparation.

B. INTERMEDIATE GERMAN

Continued drill in the rudiments of grammar and the more difficult points of syntax to enable the pupil to use his knowledge with facility in forming sentences and to state his knowledge correctly in the technical language of grammar. There should be enough reading of the masterpieces of the eighteenth century and of other intermediate texts to enable the pupil to read more difficult prose at sight. Oral work is of great value if the subject is to be continued in college. One year in addition to the work under elementary German A is necessary.

HISTORY

(Including Historical Geography)

A. Ancient History, including the history of Greece to the death of Alexander and the history of Rome to 814 A. D.

B. Mediæval and Modern History, from 814 to the present time.

C. English History.

D. American History.

PHYSICS

A course extending through one year, involving both class exercises and laboratory work. The class work should include careful study of the whole subject as presented in some good text-book of high-school grade, and the student should perform not less than thirty-five experiments requiring careful measurements. The candidate will be examined in the principles of the subject and his proficiency tested by problems such as those in the examination of the College Entrance Examination Board.

CHEMISTRY

The examination will include illustrations from any of the following topics in non-metallic chemistry.

Properties of the principal acid-forming elements and their compounds; simple problems on relations by weight; relations between gas-volumes and the weights of chemically related solids; acids, bases, and salts; formation of acids and bases from their salts; balance; series of oxy-acids and their salts; oxidation and reduction; acid anhydrides; hydrated and poly-acids.

PHYSIOGRAPHY

Dryer's *Physical Geography* or Davis's *Elementary Physical Geography*, with laboratory work and excursions for observations of land features. Note-book and laboratory records endorsed by the teacher must be submitted at the time of taking the examination.

PHYSIOLOGY

The candidate should complete a course of recitation and laboratory work of not less than forty hours, including the study of the structure of the principal organs of the human body, and especially their working. The emphasis

should be placed on function. An elementary knowledge of personal hygiene as the practical application of this science is required.

The following text-books are recommended: Hough and Sedgwick's *The Human Mechanism*, Martin's *The Human Body* (elementary course), Fitts's *Physiology and Hygiene*, Eddy's *Text-Book in General Physiology and Anatomy*.

BIOLOGY

The candidate should complete a course of recitations and laboratory exercises occupying five hours a week, through not less than a half year; the course to include an outline of the animal kingdom, together with the classification, habits, and economic importance of the animals in the various divisions. The laboratory drawing and note-book, properly certified, should be presented at the examination. The New York State Regents' recommendation for Elementary Zoölogy in their Syllabus for Secondary Schools is the standard.

BOTANY

The candidate should complete a course of recitation and laboratory work of not less than five hours a week for one-half of a school year. The class work should cover the structure and important physiological processes of flowering plants. The candidate should present at the time of taking the examination a laboratory book properly certified by the instructor. No credit will be given for an herbarium. The following text-books are recommended: Atkinson's *Botany for Schools*, Bergen's and Caldwell's *Practical Botany*, Stevens's *Introduction to Botany*.

HARMONY (Music)

The candidate should acquire: (1) the ability to harmonize in four vocal parts simple melodies of not fewer

than eight measures, in soprano or in bass. The harmonization of such melodies requires a knowledge of triads and inversions, of diatonic seventh chords and their inversions, in major and minor modes, and of modulation, transient or complete, to nearly related keys. (2) A knowledge of analysis of ninth chords, of all non-harmonic tones, and of altered chords.

Systematic ear-training (as to interval, melody, and chord) is urgently recommended as part of the preparation for this examination. A full knowledge of the rudiments of music, scales, intervals, and staff notation, is expected.

EXAMINATIONS FOR ADMISSION

Examinations are held twice each year, in June and in September, the June examinations being those given by the College Entrance Examination Board. On recommendation by the Principal of the school which candidates have attended they are allowed to take examinations in any of the subjects required for admission.

PRELIMINARY EXAMINATIONS

The candidate may, at his option, take his examinations in two parts, preliminary and final, thus dividing his subjects between two years. Credits given for preliminary examinations are valid for fifteen months only. Candidates are advised to reserve for their final examinations the following subjects: Greek C and F, Latin 5, Mathematics A or C, and English B.

COLLEGE ENTRANCE EXAMINATION BOARD

Examinations of 1914

In June, 1914, the admission examinations of this College will be the examinations of the College Entrance Examination Board of which this College is a member. The examinations will be held during the week June 15-20, 1914.

All applications for examination must be addressed to the Secretary of the College Entrance Examination Board, Post Office Sub-Station 84, New York, N. Y., and must be made upon a blank form to be obtained from the Secretary of the Board upon application.

Applications for examination at points in the United States east of the Mississippi River, also at points on the Mississippi River, must be received by the Secretary of the Board at least two weeks in advance of the examinations, that is, on or before Monday, June 1, 1914; applications for examination elsewhere in the United States or in Canada must be received at least three weeks in advance of the examinations, that is, on or before Monday, May 25, 1914; and applications for examination outside of the United States and Canada must be received at least five weeks in advance of the examinations, that is, on or before Monday, May 11, 1914.

Applications received later than the dates named will be accepted when it is possible to arrange for the admission of the candidate concerned, but only upon the payment of \$5.00 in addition to the usual fee.

The examination fee is \$5.00 for all candidates examined at points in the United States and Canada, and \$15.00 for all candidates examined outside of the United States and Canada. The fee (which cannot be accepted in advance of the application) should be remitted by postal order, express

order, or draft on New York to the order of the College Entrance Examination Board.

A list of the places at which examinations are to be held by the Board in June, 1914, will be published about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the Board not later than February 1.

The marks given by the Board to the papers of the candidate will be accepted by Amherst College upon the same terms as the results of the examinations held by the College in September.

Examination papers are not sent out from the College to preparatory schools.

EXAMINATIONS IN SEPTEMBER

The September examinations are given only by the College, at Amherst. These examinations are held in Room 5, Walker Hall, on Thursday, Friday, Saturday, Monday, Tuesday, and Wednesday, September, 10-16, 1914.

For the examinations in September a fee of five dollars is charged, payable to the Treasurer of the College at the time of registration. Credit will be given for this amount on the first term-bill, due at the beginning of the student's first semester in College.

The order of examinations in September is as follows:

FIRST DAY—SEPT. 10

8.30-10.30 A.M.	Latin 4
10.45 A.M.-12.30 P.M.	Latin 2
2.00-4.00 P.M.	Latin 5
4.15-6.00 P.M.	French B

SECOND DAY—SEPT. 11.

8.30-10.30 A.M.	Mathematics C
10.45 A.M.-12.30 P.M.	Mathematics D
2.00-4.00 P.M.	German A
4.15-6.00 P.M.	History A, C

Amherst College

THIRD DAY—SEPT. 12.

8.30-10.30 A.M.	Physics
10.45 A.M.-12.30 P.M.	Latin I
2.00-4.00 P.M.	French A
4.15-6.00 P.M.	German B

FOURTH DAY—SEPT. 14.

8.30-10.30 A.M.	Mathematics A. 1
10.45 A.M.-12.30 P.M.	Mathematics A. 2
2.00-4.00 P.M.	Botany
	Zoölogy
4.15-6.00 P.M.	History B, D

FIFTH DAY—SEPT. 15.

8.30-10.30 A.M.	English A
10.45 A.M.-12.30 P.M.	Chemistry
2.00-4.00 P.M.	English B
4.15-6.00 P.M.	Greek B
	Mathematics B

SIXTH DAY—SEPT. 16

8.30-10.30 A.M.	Greek C, H
10.45 A.M.-12.30 P.M.	Greek A
2.00-4.00 P.M.	Mathematics F
4.15-6.00 P.M.	Greek F
	Music A

For Porter Admission Prize see page 106.

Candidates are also admitted upon presentation of certificates from preparatory schools or certificates of examination by an Examination Board.

ADMISSION BY CERTIFICATE

From certain preparatory schools of approved standing certificates of fitness to enter College are received in place of entrance examinations; but such certificates must be filled out in detail in accordance with forms printed by the College and furnished to principals of such schools upon application to the Registrar.

In order to meet the full requirements in these subjects, certificates in Greek and Latin must specify that the candidate has pursued a systematic course of study, not less than five hours a week, during three school years for Greek and four for Latin. In mathematics A and C no certificate will be accepted for work that has been not pursued or reviewed within the two years preceding the date of the student's admission to College. No certificate is accepted for work in French, German, Mathematics B, D, and F, on which examinations must be taken. In general the amount of work required in each subject is indicated in the detailed description already given under subjects for examinations.

Certificates will be received from those schools in New England which have been approved by the New England College Entrance Certificate Board. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Nathaniel F. Davis, 159 Brown Street, Providence, Rhode Island.

Certificates are received from those schools outside of New England which have been approved by this College. In determining the eligibility of these schools to the certificate privilege the College follows in general the method of the New England Board. From schools which for four consecutive years have sent no students to this college the certificate privilege is withdrawn unless exception is made by the Committee on Admission.

ADMISSION BY CERTIFICATE OF EXAMINATIONS

The pass-cards, certificates, and diplomas given by the Regents of the University of the State of New York are accepted in place of entrance examinations in subjects which they cover. It is to be noted, however, that in Mathematics such certificates are accepted only so far as they cover the requirements of Amherst College, stated on pages 34-36.

CONDITIONS

No student is allowed to remain in College over two years with an entrance condition.

ADMISSION FROM OTHER COLLEGES OR INSTITUTIONS OF COLLEGIATE RANK

A candidate for admission to advanced standing from an institution of collegiate rank may receive credit without examination for work completed at such an institution subject to the following requirements.

1. He must present a catalogue and an official certificate showing:

Honorable dismissal.

Subjects accepted for admission to the college from which he came.

His college record including grade of his scholarship in each subject taken.

2. He must have completed creditably the work of at least one year in an institution of collegiate rank.

3. Candidates will be accepted only at the beginning of the year.

4. Credit is allowed only for work equivalent to courses in Amherst College.

5. If a candidate has any conditions, entrance or otherwise, credits will be carried back to cancel these delinquencies.

6. The applicant must indicate at the time of his admission all his claims for credit. Except by special action of the Faculty, no claim not so presented will be considered unless the work on which the claim is based has been completed subsequently.

7. Any claim considered by the Registrar as insufficiently certified will be referred by him to the appropriate department for examination.

8. Provisional credit for courses completed will be given by the Registrar at the time of the applicant's admission to college but this credit will not be considered as final nor will the candidate be given final enrollment until he has successfully completed at least one semester's work in Amherst College.

9. All applications for admission to advanced standing should be made to the Registrar of the College.

ANTICIPATION OF COLLEGE COURSES BY EXAMINATION

Credit for studies presented in preparatory schools corresponding to college courses may be obtained by examination in accordance with the following rules:

1. The proposed credit must be in excess of the entrance requirements.

2. It must be presented at or before the time of admission to college.

3. Advanced credit in French, German and Mathematics may be obtained by passing examinations of the College Entrance Board in June.

4. Special examinations for obtaining advanced credit will be given upon application and payment of the required special examination fee at the time of the regular entrance examinations in September.

5. All applications for examinations for advanced credit must be filed with the Registrar of the College.

6. Credit thus obtained may be used:

1. In anticipation of required courses.

2. To count toward graduation in less than four years.

(See page 24.)

Such credit may not be used to reduce the number of

courses in any semester nor as a substitute for a delinquency subsequently incurred.

7. Students will not be allowed advanced credit by certificate or examination for work done privately or by correspondence.

Course of Study

ALL candidates for the Degree of Bachelor of Arts must complete forty semester courses which shall include Mathematics 1, 2, English 1, 2, two years of college Greek or Latin, two years of science in the group Biology, Chemistry, and Physics, and in addition to the forty courses, the required work in Public Speaking 2 and 3 and Physical Education 2, 4, and 6.

Beginning with the class entering in 1911 a reading knowledge of German *and* a Romance language (French, Italian or Spanish) is required for a degree, with the exception that in the case of those entering with Greek, a reading knowledge of German *or* a Romance language is required for a degree.

Beginning with the class which enters in 1912, in the case of those who enter with Greek A, B, C, H, F and Latin 1, 2, 4, 5, and complete both ancient languages Freshman year; or of those who enter with Latin 1, 2, 4, 5 and complete Greek A, B, C, and in addition take at least one year of Greek in college, a reading knowledge of either German *or* a Romance language is required for a degree.

NOTE. Early in his college course the student should note the prerequisites of the various departments, and especially of the scientific courses, in order that he may not be prevented from making the elections which he desires.

The course of study must be so arranged that it will include three majors and one minor.

A major is a subject studied six consecutive semester courses; a minor, a subject studied four consecutive semester courses. Each student is required to complete three majors and one minor during the course. At the end of Freshman

year each student must indicate among his Freshman subjects 1 or 2 majors which he will pursue through Junior year. At the end of Sophomore year he must indicate 1 or 2 majors which he will pursue through Senior year. These may be (1) subjects which he has already studied in Sophomore year, or (2) subjects in which it is possible for him to elect parallel courses in either Junior or Senior year. At the end of Junior year he must indicate among his Junior subjects one minor which he will pursue through Senior year. Parallel courses in Junior year do not constitute a minor.

All courses are assigned three hours each week, except Mathematics 1 and 2 and Greek A, B, which are four-hour courses. In the numbering of the courses an odd numeral denotes the first semester, an even numeral the second semester.

Every student is required to take five courses in each semester. No student is allowed to take more than six courses in a semester. The course in Debates (Public Speaking), which is a one-hour course, may be reckoned as one of the five courses of the first semester of Senior year.

Credits for subjects previously taken may not be used to reduce the number of courses required in any semester, nor as substitutes for delinquencies subsequently incurred.

STUDIES OF FRESHMAN YEAR

In Freshman year all students are required to take mathematics and English both semesters, hygiene one semester, and declamation one semester.

Those who present for admission Latin 1, 2, 4 and 5 and Greek A, B, C, H, and F are required to study both those languages the first year, unless they have presented, in addition to Latin and Greek, a modern language, in which case they may elect a modern language the first year instead

of one of the ancient languages. In either case they must choose in addition one study from the list of Freshman electives.

Those who present for admission only one ancient language, Latin 1, 2, 4 and 5 or Greek A, B, C, H and F are required to study that language the first year and also a modern language, together with one other study from the list of Freshman electives.

FRESHMAN ELECTIVES

Biology 1-2	Greek A, B, C, 1, 2, 4
Chemistry 1-2	Italian 1-2
Physics 1-2*	Mathematics 11-12, or 14
French 1-2, 3-4, 5-6	Spanish 1-2
German 1-2, 3-4, 5-6	

Freshmen who have credits in required studies may elect in place of them courses offered to the Sophomore class.

Those who take Greek 1 may choose 2 or 4 the second semester, and are allowed until the end of the first semester to make their choice.

FRESHMAN YEAR

Group I	Groups II and III
1. Mathematics	Mathematics
2. English	English
3. Latin	Ancient Language
4. Greek	Modern Language or Greek C
5. Biology or Chemistry or Physics*	<div style="display: inline-block; vertical-align: middle;"> { Biology or Chemistry, or Physics or French, German, or Greek A, B† </div>

*Physics 1-2 is open only to those freshmen who have credit for Mathematics D and F, and to those who wish to take the subject for two or three years, and who satisfy the department that they are prepared for the work.

†Students who enter under Groups II and III and elect a modern language or Greek A, B as their fifth course in Freshman year are required to elect one year of Biology, Chemistry or Physics in Sophomore year.

STUDIES OF SOPHOMORE YEAR

In Sophomore year all students are required to take either Sophomore Greek or Sophomore Latin, a modern language, two subjects chosen from Biology, Chemistry, English, History, Mathematics, Philosophy, and Physics, and in addition one course from the electives open to Sophomores and the required courses in Physical Education 4 and Public Speaking 3.

SOPHOMORE YEAR

1. Ancient Language
2. Modern Language
- 3, 4. Two Subjects from Biology, Chemistry, English, History, Mathematics, Philosophy, Physics
5. Elective

STUDIES OF JUNIOR YEAR

In Junior year all students are required to pursue three subjects chosen as majors, one subject chosen from Biology, Chemistry, Economics, Geology, Mathematics, Philosophy, and Physics, and one course from the electives open to Juniors. In addition, he must complete the required work in Physical Education 6.

JUNIOR YEAR

1. Major 1*
2. Major 2
3. Major 3
4. One subject from Biology, Chemistry, Economics, Geology, Mathematics, Philosophy, or Physics.
5. Elective

*A major is a subject studied six consecutive semester courses; a minor, a subject studied four consecutive semester courses. Each student is required to complete three majors and one minor during the course. At the end of Freshman year each student must indicate among his Freshman subjects 1 or 2 majors which he will pursue through Junior year. At the end of Sophomore year he must indicate 1 or 2 majors which he will pursue through Senior year. These may be (1) subjects which he has already studied in Sophomore year, or (2) subjects in which it is possible for him to elect parallel courses in either Junior or Senior year. At the end of Junior year he must indicate among his Junior subjects one minor which he will pursue through Senior year. Parallel courses in Junior year do not constitute a minor.

STUDIES OF SENIOR YEAR

In Senior year all students are required to complete the second major, in case it has not been completed in Junior year, the third major, a minor, and two elective courses, or three elective courses if the second major has been completed at the end of Junior year.

STUDIES OF SPECIAL STUDENTS

Special students must take as many courses as are taken by regular students. The first year they must study the modern language in which they are prepared, and the required studies of Freshman year for which they are prepared, except such subjects as they have already taken. Other studies may be chosen from Biology, Chemistry, Physics, Modern Languages, and History. After the first year all studies are elective.

RULES FOR THE ELECTION OF STUDIES

Choices are made for the year and may be changed only by permission of the Administration Committee. No change of elective will be allowed later than the second week of the first semester.

Choice of electives for the following year must be made on or before the Saturday preceding the semester examinations in June. When choices are not made by the specified time, a fee is imposed, two dollars for the first day and fifty cents for each subsequent day's delay during the regular college session. For a change of electives a fee of two dollars is imposed which must be paid when the petition is filed.

The card of elections must be approved and signed by a member of the Instruction Committee before it is handed in.

Candidates for the degree of B. A., beginning with the

class entering in 1911, must complete two years of science in the following group: Biology, Chemistry, Physics.

No course of less than a year in any subject may be counted toward a degree, except as provided by correlation of subjects in a, b, and c.

a. Modern Government 2 preceded by Public Speaking 5 in the first semester of Junior year may be counted as a year course, which with Modern Government 3, 4 may constitute a minor.

b. Art 1 with Art 2 or any second semester Greek course, or Art 2 with any first semester Italian course, may constitute a year course.

c. Astronomy 2 or 4 preceded by Physics 3 or 5, or Mathematics 3 or 5, in the first semester of Senior year, may be counted as a year course, which with Astronomy 1, 2 or 1, 4 may constitute a minor.

Not more than two courses taken simultaneously in one subject or under one instructor may count toward a degree.

No student may elect more than eight semester courses in any subject unless he is permitted to do so by the department and the Instruction Committee. In reckoning these eight courses in the English department the courses of Freshman and Sophomore years are not included.

NOTE. Early in his college course the student should note the prerequisites of the various departments, and especially of the scientific courses, in order that he may not be prevented from making the elections which he desires.

COURSES OF INSTRUCTION IN DETAIL

ART

1. Greek Art. Sculpture and architecture, introduced by a brief study of the nature and functions of art. Lectures illustrated by photographs, casts, lantern slides. Colateral reading, with reports on assigned topics.

Mon., Wed., Fri., 11.30, Williston 3, PROFESSOR SMITH.

(Omitted in 1913-1914.)

Elective for Juniors.

2. Roman and Italian Art. (a) Roman architecture; Italian architecture, including early Christian, Byzantine, Romanesque, Gothic, and Renaissance. (b) Italian sculpture; five lectures. (c) Italian painting of the Renaissance; twenty-five lectures. All lectures illustrated by stereopticon. Collateral reading and study of photographs.

Mon., Wed., Fri., 11.30, Williston 3, PROFESSOR BAXTER.

(Omitted in 1913-1914.)

Elective for Juniors.

ASTRONOMY AND NAVIGATION

1. General and descriptive astronomy; Todd's *New Astronomy*; lectures upon the history of astronomy; observations with telescopes and other apparatus, as laboratory practice; determinations of time.

Tu., Sat., 8.35, Thu., 2, Appleton 1, PROFESSOR TODD.

Elective for Juniors.

2. Practical astronomy (Campbell, Souchon); *Theoretical Astronomy* (Watson); observatory work with equatorial, transit, and spectroscope. The course includes the theory of the construction, adjustment and use, of the instruments of the observatory. Each student makes observations, and completely calculates or reduces them. The course includes also the theory of practical computation, the construction of tables of the motions of the heavenly bodies, and of the *Astronomical Ephemeris* and *Nautical Almanac*.

(Mathematics 1, 2, 4, 5, and Astronomy 1 requisite.)

Tu., Sat., 8.35, Thu., 2, Appleton 1, PROFESSOR TODD.

Elective for Juniors.

4. History of navigation; instruments of navigation; compass errors and their correction; finding the ship's position; sextant practice.

(Mathematics 1, 2, and Astronomy 1 requisite.)

Mon., Wed., 9.30, Fri., 3, Appleton 1, PROFESSOR TODD.

Elective for Seniors.

BIBLICAL LITERATURE

A continuous course of four semesters, given in alternate years, and covering compendiously the range of Biblical literature; lectures, essays, readings, discussions.

1. The formative centuries, to the time of the literary prophets. Beginnings of the various strains of literature: historic, prophetic, poetic, didactic.

Tu., Sat., 8.35, Thu., 2, Walker 7, PROFESSOR GENUNG.

Elective for Juniors.

2. Prophecy and other literature to the Chaldean exile; the stress of prophecy.

Tu., Sat., 8.35, Thu., 2, Walker 7, PROFESSOR GENUNG.

Elective for Juniors.

3. Post-exilic literature; coming of the Son of Man, and characteristics of His word and work.

Tu., Sat., 8.35, Thu., 2, Walker 7, PROFESSOR GENUNG.

Elective for Juniors.

4. Literature of the apostolic era; gospels, epistles, apocalypse.

Tu., Sat., 8.35, Thu., 2, Walker 7, PROFESSOR GENUNG.

(Courses 3, 4 omitted 1913-1914.)

Elective for Juniors.

BIOLOGY

1. Systematic and economic zoölogy of the invertebrates.

Laboratory work two hours a week.

A. Mon., Wed., 8.35, Fri., 2, Biological Laboratory, PROFESSOR TYLER.

B. Mon., Fri., 10.30, Wed., 2, Biological Laboratory, PROFESSOR TYLER.

Elective for Freshmen.

2. Systematic and economic zoölogy of the vertebrates.

Laboratory work two hours a week. PROFESSORS TYLER AND LOOMIS.

A. Mon., Wed., 8.35, Fri., 2, Biological Laboratory.

B. Mon., Fri., 10.30, Wed., 2, Biological Laboratory.

Elective for Freshmen.

3. Evolution of the animal kingdom. Laboratory work; dissection and microscopic study of the principal forms of animal life. As far as possible the lines of evolution leading to higher animals and man are traced. The laws governing human development and the structures and affinities of the great divisions of the animal kingdom are investigated.

A. Mon., Wed., 9.30, Fri., 3, Biological Laboratory, PROFESSOR TYLER.

B. Tu., Sat., 8.35, Thur., 2, Biological Laboratory, PROFESSOR TYLER.

Elective for Sophomores.

4. Evolution and distribution of the vertebrates.

(Biology 3 requisite.)

A. Mon., Wed., 9.30, Fri., 3, Biological Laboratory, PROFESSOR LOOMIS.

B. Tu., Sat., 8.35, Thur., 2, Biological Laboratory, PROFESSOR LOOMIS.

Elective for Sophomores.

5, 6. General structural, physiological, and economic botany of the flowering plants.

(Laboratory and field work two hours a week.)

Mon., Wed., Fri., 11.30, Appleton 3, PROFESSOR GOODALE.

(Omitted in 1913-1914.)

Elective for Sophomores.

7, 8. Evolution of the plant kingdom. The progress of plant life from the lower to the higher forms is studied by means of lectures and laboratory work upon certain types elected as representatives of the main groups of plants.

Mon., Wed., Fri., 11.30, Appleton 3, PROFESSOR GOODALE.

Elective for Sophomores.

9. Anatomy, including comparative anatomy of the vertebrates, taken up from the point of view of the origin of the structures of the human body.

Tu., Sat., 10.30, Wed., 3, Biological Laboratory, PROFESSOR LOOMIS.

Elective for Juniors.

10. Human Physiology.

Tu., Sat., 10.30, Wed., 3, Biological Laboratory, PROFESSOR PHILLIPS.
Elective for Juniors.

11. Biological problems.

(Biology 4 requisite) Tu., Sat., 8.35, Thu., 2, Biological Laboratory, PROFESSOR LOOMIS.

Elective for Seniors.

12. Anthropology.

(Biology 4 requisite) Tu., Sat., 8.35, Thu., 2, Biological Laboratory, PROFESSOR TYLER.

Elective for Seniors.

CHEMISTRY

1. General chemistry; the non-metallic elements and their compounds.

Three hours class-room work and two hours laboratory work each week.
 Tu., Sat., 9.30, Thu., 3, Chemical Laboratory, PROFESSORS HOPKINS, DOUGHTY, and DR. ZINN.

Elective for Freshmen.

2. General chemistry; the metallic elements and their compounds.

Three hours class-room work and two hours laboratory work each week.
 Tu., Sat., 9.30, Thu., 3, Chemical Laboratory, PROFESSOR HOPKINS, DOUGHTY, and DR. ZINN.

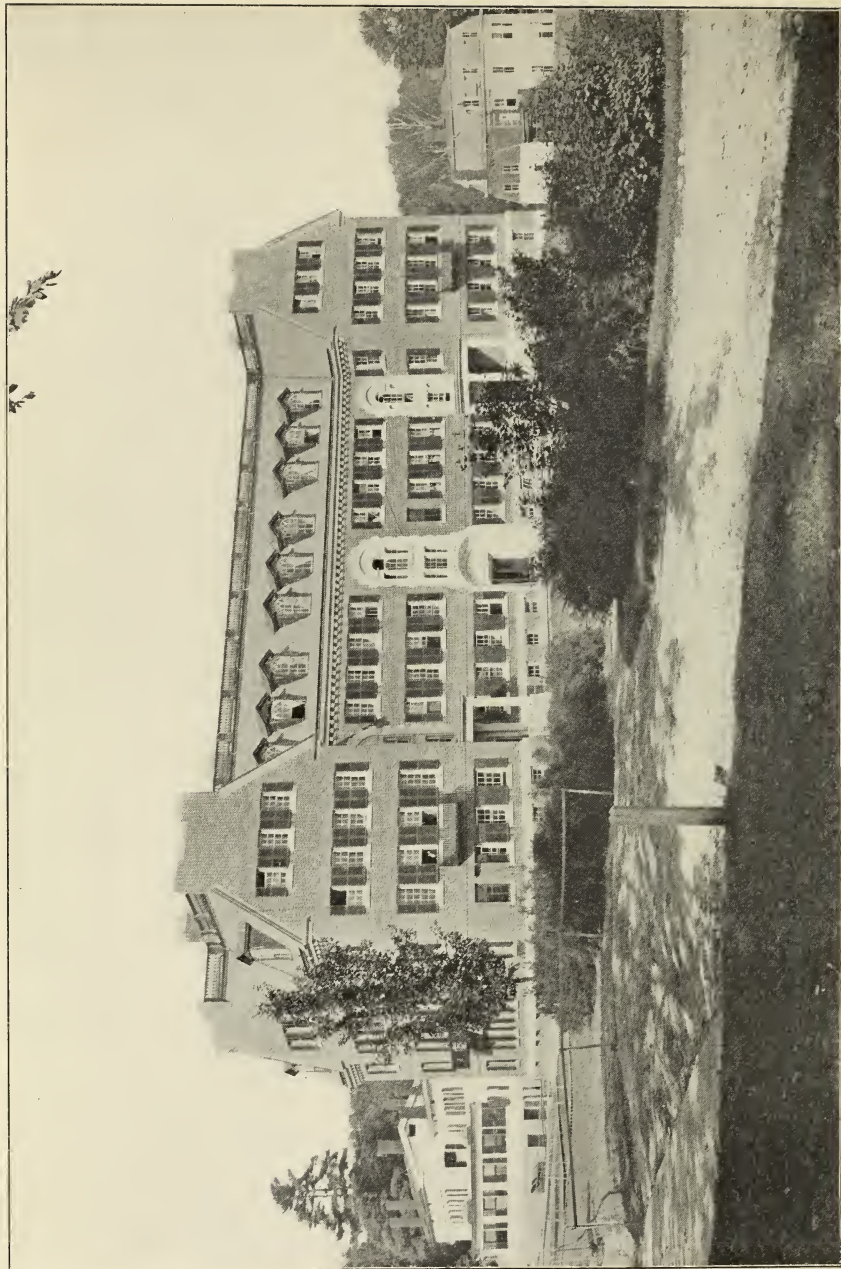
Elective for Freshmen.

3. Inorganic chemistry; with especial emphasis on ionic hypothesis and chemical equilibrium and their applications to the reactions of analytical chemistry.

Two hours class-room work and three hours of laboratory work each week.
 (Chemistry 1, and 2 requisite. Students electing this course are advised to take Physics 1 and 2.)

Tu., 2-5, Thu., Fri., 9.30, Chemical Laboratory, PROFESSOR DOUGHTY, and DR. ZINN.

Elective for Sophomores.



MORRIS PRATT MEMORIAL DORMITORY

4. Qualitative analysis; reactions and detections of the common metallic and acidic ions.

Two hours of class-room work and three hours laboratory work each week.
(Chemistry 1, 2, and 3 requisite.)

Tu., 2-5, Thu., Fri., 9.30, Chemical Laboratory, PROFESSOR DOUGHTY,
and DR. ZINN.

Elective for Sophomores.

5, 6. Quantitative analysis; chiefly laboratory work in gravimetric and volumetric analysis.

Six hours laboratory work each week.
(Chemistry 1, 2, 3, and 4 requisite.)

Mon., 2-4, Wed., Thur., 10.30-12.20, Chemical Laboratory, DR. ZINN.

Elective for Juniors.

7, 8. Organic chemistry; an introduction to the chemistry of the compounds of carbon. General theory of organic chemistry and preparation of typical compounds.

Three hours class-room work and three hours laboratory work each week.
(Chemistry 1, 2, 3, and 4 requisite.)

Mon., 2-4, Wed., Thur., 10.30, Chemical Laboratory, PROFESSOR DOUGHTY.

Elective for Seniors.

ECONOMICS

1, 2. Outlines of economics.

Tu., 2, Thu., Fri., 8.35, Chapel 3 and 5, PROFESSORS CROOK and CLARK.

Elective for Juniors.

3. Public finance; the principles of public revenues and expenditures, with special emphasis on the problems of taxation.

(Economics 1 and 2 requisite.)

Mon., Fri., 10.30, Wed., 2, Chapel 5, PROFESSOR CROOK,

Elective for Seniors.

5. Economic History of the United States.

(Economics 1 and 2 requisite.)

Tu., Sat., 10.30, Wed., 3, Chapel 3, PROFESSOR CLARK.

Elective for Seniors.

8. Labor problems, including trades-unionism and the wage question.

(Economics 1 and 2 requisite.)

Mon., Fri., 10.30, Wed., 2, Chapel 5, PROFESSOR CROOK.

Elective for Seniors.

10. Corporations, trusts, and monopolies, with emphasis on the problems of regulation.

(Economics 1 and 2 requisite.)

Tu., Sat., 10.30, Wed., 3, Chapel 3, PROFESSOR CLARK.

Elective for Seniors.

The Department conducts a seminar course during the winter months, to which those are admitted who have attained high standing in Economics 1.

ENGLISH

1, 2. Introductory course; introduction to literary forms by the study of a few masterpieces; five plays of Shakespeare, a Greek tragedy, the English Bible, essays of Carlyle and Stevenson, poems of Burns and Tennyson; themes and reports.

A. Mon., Wed., Fri., 11.30, Williston 1, PROFESSOR UTTER.

B. Tu., 2, Thu., Fri., 8.35, Walker 8, PROFESSOR ANDREWS.

C. Mon., Wed., 9.30, Fri., 3, Walker 8, PROFESSOR ANDREWS.

D. Mon., Wed., 9.30, Fri., 3, Williston 1, PROFESSOR UTTER.

F. Mon., Wed., Fri., 11.30, Walker 8, PROFESSOR ANDREWS.

Courses 1 and 2 are prescribed for Freshmen.

5, 6. General introduction to English Literature, from the Anglo-Saxon period through the nineteenth century.

A. Tu., Sat., 10.30, Wed., 3, PROFESSOR HAMILTON.

B. Mon., Fri., 10.30, Wed., 2, Williston 1, PROFESSOR HAMILTON.

• *Elective for Sophomores.*

7. English Literature of the Victorian Age; essayists and critics; lectures, readings, discussions.

8. Continuation of 7; the Victorian poets.

Mon., Wed., 9.30, Fri., 3, Walker 7, PROFESSOR GENUNG.

Elective for Juniors.

9, 10. The Drama as a species of art, its aims, principles, and methods; Greek, Roman, French, German, and English dramas as examples and illustrations.

Mon., Fri., 10.30, Wed., 2, Walker 7, PROFESSOR CHURCHILL.

Elective for Juniors.

11, 12. The English Drama, its rise and development; the predecessors of Shakespeare; Shakespeare.

Mon., and Fri., 10.30, Wed., 2, Walker 7, PROFESSOR CHURCHILL.

(Omitted in 1913-1914.)

Elective for Juniors.

13, 14. The English Novel; its form and development.

Mon., 2, Wed., Thu., 10.30, Williston 1, PROFESSOR UTTER.

(Omitted in 1913-1914.)

Elective for Juniors.

15. Elizabethan Literature, 1557-1604; study of lyric and dramatic poetry; early English prose.

Mon., 2, Wed., Thu., 10.30, , Williston 1, PROFESSOR HAMILTON.

Elective for Juniors.

16. English Literature of the seventeenth century; study of the English epic; the early novel; the development of modern prose.

Mon. 2, Wed., Thur., 10.30, Williston 1, PROFESSOR HAMILTON.

Elective for Juniors.

17, 18. Advanced Composition.

(Courses 17, 18 are open with the consent of the instructor to Seniors and to specially qualified Juniors.) Tu., Sat., 9.30, Thu., 3, Williston 1, PROFESSOR UTTER.

19, 20. Critical study of English poets: Pope, Cowper, Burns, Byron, Shelley, Wordsworth.

(For English 19 and 20, two courses chosen from 7 to 16 are requisite as precedent or parallel courses.)

Thu., Fri., 9.30, Tu., 3, Walker 13, PROFESSOR CHURCHILL.

Elective for Seniors.

21. American Literature.

Mon., 2, Wed., Thu., 10.30, Walker 8, PROFESSOR ANDREWS.

Elective for Juniors.

22. Recent authors, English and American.

Mon., 2, Wed., Thu., 10.30, Walker 8, PROFESSOR ANDREWS.

Elective for Juniors.

23. Old English (Anglo Saxon). Cook-Siever's *Grammar of Old English*; Sweet's *Anglo-Saxon Primer*; Bright's *Anglo-Saxon Reader*; *Beowulf*; lectures on the origin and development of Old English.

(Omitted in 1913-1914.) PROFESSOR CHURCHILL.

24. Old English Poetry. *Beowulf* continued; Middle English, especially Chaucer; *Prologue to the Canterbury Tales*; lectures on the history of Middle English and its development into Modern English; Sweet's *Second Middle English Primer*.

Wed., Thu., 10.30, Mon., 2, Walker 13, PROFESSOR CHURCHILL.

(Omitted in 1913-1914.)

25. Old English Literature. This course is given in alternate years with the linguistic course, 23, and is devoted to the literature of the period. Knowledge of Anglo-Saxon is not required.

Mon., 2, Wed., Thu., 10.30, Walker 13, PROFESSOR CHURCHILL.

(Omitted in 1913-1914.)

Elective for Juniors.

26. Middle English Literature. This course is given alternate years with 24. Special attention is paid to Middle English lyrics, *Piers Plowman*, the Arthurian tales, miracle plays, Chaucer. Knowledge of Middle English is not required.

Mon., 2, Wed., Thu., 10.30, Walker 13, PROFESSOR CHURCHILL.

(Omitted in 1913-1914.)

Elective for Juniors.

GEOLOGY

1. Structural and dynamical geology and physiography.

Six excursions are required during the year, each taking a full afternoon. They are set for different afternoons in the week so as to interfere with other work as little as possible. Absences incurred in other courses because of these excursions are cancelled. For this course the elements of chemistry are required.

Mon., Wed., Fri., 11.30, Geological Laboratory, PROFESSOR EMERSON.

Elective for Juniors.

2. Historical geology, paleontology.

For this course Geology 1 is requisite, and Biology 1 and 2 are desirable.

Mon., Wed., Fri., 11.30, Geological Laboratory, PROFESSOR EMERSON.

Elective for Juniors.

3. Field and laboratory geology.

Two full afternoons a week required; mapping a part of the old lake beds as long as the weather allows, followed by mineralogy.

(Geology 1 and 2 requisite.)

Geological Laboratory, PROFESSOR EMERSON.

Elective for Seniors.

4. Mineralogy continued until the weather allows field work, then a survey of an area of massive or crystalline rocks.

Two full afternoons a week.

(Geology 1 and 2 requisite.)

Geological Laboratory, PROFESSOR EMERSON.

Elective for Seniors.

5. General course in mineralogy and crystallography.

(Chemistry 1 and 2 requisite.)

Fri., 2, Geological Laboratory, PROFESSOR EMERSON.

Elective for Seniors.

6. Optical mineralogy, petrography.

(Geology 5 requisite.)

Elective for Seniors.

7, 8. Paleontology. Special study of invertebrate animals or of plants.

(Geology 1, 2 and Biology 1, 2 or 7, 8 requisite.)

Geological Laboratory, PROFESSOR EMERSON.

(Laboratory hours in courses 3 to 8 are arranged with the teacher.)

Elective for Seniors.

GERMAN

1, 2. Elementary course; grammar, pronunciation, composition, colloquial exercises, syntax, translation from prose selections. *Equivalent to entrance German A.*

A. Mon., Fri., 10.30, Wed., 2, Barrett 3, PROFESSOR EASTMAN.

B. Tu., 2, Thu., Fri., 8.35, Barrett 4, PROFESSOR MANTHEY-ZORN.

3, 4. Prose composition, with review of grammar; reading modern prose; Schiller and Goethe: a representative work of each author; composition and free reproduction. *Equivalent to entrance German B.*

A. Mon., Fri., 10.30, Wed., 2, Barrett 4, PROFESSOR MANTHEY-ZORN.

B. Tu., 3, Thu., Fri., 9.30, Barrett 3, PROFESSOR EASTMAN.

5a. Goethe's dramas; lectures and essays.

Tu., 2, Thu., Fri., 8.35, Barrett 3, PROFESSOR EASTMAN.

5b. The German drama of the nineteenth century; Grillparzer, Hebbel; lectures and essays.

Tu., Sat., 9.30, Thu., 3, Barrett 4, PROFESSOR MANTHEY-ZORN.

6. Goethe, *Faust*; lectures on the history of the Faust legend; Goethe's life; essays.

Tu., 3, Thu., Fri., 9.30, Barrett 3, PROFESSOR EASTMAN.

Tu., Sat., 9.30, Thu., 3, Barrett 4, PROFESSOR MANTHEY-ZORN.

7, 8. The German novel of the nineteenth century.

Tu., Sat., 8.35, Thu., 2, Barrett 3, PROFESSOR EASTMAN.

Elective for Sophomores.

9, 10. Modern German drama.

Tu., Sat., 8.35, Thu., 2, Barrett 4, PROFESSOR MANTHEY-ZORN.

(Omitted in 1913-1914.)

Courses 7, 8 are given alternate years with courses 9, 10.

Elective for Sophomores.

11. Middle High German; grammar; reading of selections from the *Nibelungenlied*.

Elective for Juniors.

12. Middle High German; Walther von der Vogelweide and other minnesingers.

Two semesters in addition to 5 and 6 requisite.

Hours arranged at the convenience of instructor and students.

Elective for Juniors.

GREEK

A, B. Course for students beginning Greek. *Anabasis* and prose composition; four hours a week through the year.

Mon., 3, Tu., 2, Thu., Sat., 8.35, Chapel 1, PROFESSOR ELWELL.

Elective for Freshmen.

C. Course for students continuing Greek. *Iliad* and prose composition; three hours a week through the first semester.

Tu., 3, Thu., Fri., 9.30, Chapel 1, PROFESSOR ELWELL.

Greek A, B and C are given to three or more students on application.

To obtain credit for a year course, those who complete Greek C should take Greek 2.

Elective for Freshmen.

1. Homer, *Odyssey*.

2. Plato, *Apology* and *Crito*.

Mon., Wed., Fri., 11.30, Chapel 1, PROFESSOR ELWELL.

Elective for Freshmen.

3. Greek tragedy, Sophocles, *Antigone*; Euripides, *Alcestis*; lectures on the development of tragedy and the theatre; study of other selected dramas in an English translation.

Mon., Wed., 9.30, Fri., 3, Williston 3, PROFESSOR SMITH.

Elective for Sophomores.

4. Introduction to Greek Philosophy, selections from Plato and Aristotle; lectures and reports.

Mon., Wed., 9.30, Fri., 3, Williston 3, PROFESSOR SMITH.

Elective for Sophomores.

5. Epic poetry; Homer, *Iliad*, rapid reading; Apollonius Rhodius, *Argonautica* III: lectures and reports.

Mon., Wed., Fri., 11.30, Williston 4, PROFESSOR SMITH.

Elective for Juniors.

6. Lucian; selections; the Greek romance.

Mon., Wed., Fri., 11.30, Williston 4, PROFESSOR SMITH.

Elective for Juniors.

7. The later Greek poets; Theocritus, Bion, Moschus; the Greek Anthology.

Williston 3, PROFESSOR SMITH.

Elective for Seniors.

8. Greek drama; Aeschylus, Aristophanes and Menander.

Hours at convenience of instructor and students, PROFESSOR SMITH.

Elective for Seniors.

9. The Greek historians: Herodotus, Thucydides.

Mon., Wed., 8.35, Fri., 2, Chapel 1, PROFESSOR ELWELL.

Elective for Juniors.

10. The New Testament; the Acts of the Apostles.

Mon., Wed., 8.35, Fri., 2, Chapel 1, PROFESSOR ELWELL.

Elective for Sophomores.

11. Greek prose composition, with study of other topics of interest to students intending to teach classics.

A half course, one and one-half hours a week, open with permission of the instructor to Seniors and specially qualified Juniors. Greek 11 and Latin 12 taken together receive credit as a semester course, and with a semester of Latin or Greek may be counted as a year's course. PROFESSOR SMITH.

HISTORY

1. The early Middle Ages; the passing of the Roman Empire and the beginnings of Christianity; Feudalism; the Crusades and other characteristic phenomena of the period.

Mon., Wed., 8.35, Fri., 2, Walker 8, PROFESSOR F. L. THOMPSON.

Elective for Sophomores.

2. The later Middle Ages; the development of nationalities; the culture and state of the Middle Ages; the Italian cities; the Renaissance and the Protestant Revolt.

Mon., Wed., 8.35, Fri., 2, Walker 8, PROFESSOR F. L. THOMPSON.

Elective for Sophomores.

3. English history, 1066-1689; the growth of the constitution; the Reformation; the Puritan Revolution; the Restoration; the Revolution of 1689.

Tu., Sat., 10.30, Wed., 3, Walker 13, PROFESSOR GALLINGER.

Elective for Juniors.

4. English history since 1689; the development of cabinet government; the struggle with France; the industrial revolution; the expansion of England.

Tu., Sat., 10.30, Wed., 3, Walker 13, PROFESSOR GALLINGER.

Elective for Juniors.

5. American history, 1492-1750; the discovery, exploration and conquest of the New World; the settlement and growth of the English colonies.

Mon., Wed., 9.30, Fri., 3, Walker 13, PROFESSOR GALLINGER.

(Not given 1913-1914.)

Elective for Juniors.

6. American history 1750-1783; the overthrow of New France; the British colonial and commercial system; the War of Independence.

Mon., Wed., 9.30, Fri., 3, Walker 13, PROFESSOR GALLINGER.

(Not given 1913-1914.)

Elective for Juniors.

9. European history, 1648-1815; the age of Louis XIV; the rise of Prussia and Russia; the enlightened despots; the French Revolution; the Napoleonic Wars.

Mon., Wed., 8.35, Fri., 2, Walker 14, PROFESSOR GALLINGER.

Elective for Seniors.

10. European history since 1815; the reconstruction of Europe; the revolution of 1848; the unification of Italy and Germany; social and industrial progress; the expansion of Europe.

Mon., Wed., 8.35, Fri., 2, Walker 14, PROFESSOR GALLINGER.

Elective for Seniors.

11. Political and constitutional history of the United States to the election of Jackson, 1783-1828.

Tu., 2, Thu., Fri., 8.35, Walker 14, PROFESSOR F. L. THOMPSON.

Elective for Seniors.

12. Political and constitutional history of the United States since the election of Jackson.

Tu., 2, Thu., Fri., 8.35, Walker 14, PROFESSOR F. L. THOMPSON.

Elective for Seniors.

HYGIENE AND PHYSICAL EDUCATION

1, 2. Personal hygiene, lectures on fundamental laws affecting health. Physical exercise, in the form of (A) Gymnastics and Military evolutions, or (B) Aquatics.

Tu., Thu., Sat., 11.30, Gymnasium.

Freshmen unable to swim are required to take (B).

3, 4. Physical exercises in the form of (A) Gymnastics and Military evolutions, or (B) Aquatics.

Sophomores unable to pass the swimming requirements of the College may take (B)

Tu., Thur., Fri., 5, Gymnasium.

5, 6. Physical exercise, in the form of Gymnastics, Military Evolutions, and Dancing.

Tu., Thu., Fri., 4, Gymnasium.

LATIN

1. Cicero, *De Senectute* or *De Amicitia*: Livy, selections from Books I, XXI, and XXII.

2. Horace, selections from *Odes* and *Epodes*: Ovid, *Metamorphoses*.

A. Mon., Wed., 8.35, Fri., 2, Chapel 2, PROFESSOR HOUGHTON.

B. Tu., Sat., 8.35, Thu., 2, Chapel 6, PROFESSOR BENNETT.

C. Mon., Wed., 9.30, Fri., 3, Chapel 6, PROFESSOR BENNETT.

D. Mon., Wed., Fri., 11.30, Chapel 6, PROFESSOR BENNETT.

E. Mon., 2, Wed., Thu., 10.30, Chapel 2, PROFESSOR HOUGHTON.

F. Mon., 2, Wed., Thu., 10.30, Chapel 6, PROFESSOR BENNETT.

Required course for Freshmen.

3. Plautus, *Trinummus*; Terence, *Adelphoe*, with lectures on the Roman theatre, the origin and development of the Latin drama, and its influence on later writers. Especial attention will be given to the vocabulary, ante-classical forms, constructions, and the value of Roman comedy to the philologist and the student of Roman life. Selections from Catullus and other Roman poets.

4. Tacitus, *Agricola* and *Germania*. Selections from the *Letters* of Pliny the Younger. A study of the times in relation to the literature of this period; characteristics of the Silver Age Latinity. Illustrated lectures on Roman life and monuments.

Tu., Sat., 8.35, Thu., 2, Williston 4, PROFESSOR COWLES.

Tu., Sat., 9.30, Thu., 3, Chapel 6, PROFESSOR BENNETT.

Elective for Sophomores.

5. Satire; Horace, Persius, Juvenal; the essential qualities of Roman satire, and the various forms which it successively assumed.

Tu., 3, Thu., Fri., 9.30, Williston 4, PROFESSOR COWLES.

Elective for Juniors.

6. Prose writers of the Silver Age: Tacitus, Quintilian, Seneca, Petronius.

Tu., 3, Thu., Fri., 9.30, Chapel 2, PROFESSOR HOUGHTON.

Elective for Juniors.

7. Lucretius. Criticism and interpretation of the *De Rerum Natura*, with emphasis on the philosophic content.

Tu., 3, Thu., Fri., 9.30, Chapel 2, PROFESSOR HOUGHTON.

Elective for Juniors.

8. Apuleius, *Cupid and Psyche; Metamorphoses*; Vergil, *Aeneid*, Books VII–XII. The works of Vergil with especial reference to their literary qualities, and the poets' influence on subsequent literature.

Tu., 3, Thu., Fri., 9.30, Williston 4, PROFESSOR COWLES.

Elective for Juniors.

12. Latin Prose Composition, with the study of other topics of interest to students intending to teach the classics.

A half course, one and one-half hours a week, open with the permission to the instructor of Seniors and specially qualified Juniors. Latin 12 and Greek 11 together count as a semester course, and with a semester of Latin or Greek may be counted as a year course. PROFESSOR COWLES.

MATHEMATICS

1. Lines, planes and angles in space, problems in mensuration of solids; plane trigonometry.

2. Topics from advanced algebra; introduction to analytical geometry.

Those who at entrance have presented credit for Mathematics

b, d, and f are not required to take Mathematics in college. If they desire to continue the subject, they should elect Mathematics 11 and 2.

Those who have presented one point credit in advanced Mathematics are required to take a year of Mathematics in college and should elect Mathematics 11 and 2.

Those who have presented $\frac{1}{2}$ point credit in advanced Mathematics are required to complete Mathematics 1 and 2.

A. Tu., Sat., 9.30; Mon., 4, Thu., 3.; Walker 5, PROFESSOR OLDS.

B. Tu., Sat., 8.35; Mon., Thu., 2; Walker 5, PROFESSOR ESTY.

C. Tu., Sat., 10.30; Mon., Wed., 3; Walker 2, PROFESSOR COBB.

D. Tu., Sat., 8.35; Mon., Thu., 2; Walker 2, PROFESSOR COBB.

E. Tu., Sat., 10.30; Mon., Wed., 3; Walker 5, PROFESSOR PARKER.

Required Course for Freshmen.

3. Analytical geometry continued; introduction to calculus.

Mon., Wed., Fri., 11.30, Walker 2, PROFESSORS ESTY AND COBB.

Elective for Sophomores.

4. Differential and integral calculus.

Mon., Wed., Fri., 11.30, Walker 2, PROFESSORS OLDS AND COBB.

Elective for Sophomores.

5. Calculus continued; introduction to differential equations.

Mon., Wed., 8.35, Fri., 2, Walker 2, PROFESSORS OLDS AND PARKER.

Elective for Juniors.

6. Vector analysis, with special applications to analytical mechanics.

Mon., Wed., 8.35, Fri., 2, Walker 2, PROFESSOR ESTY.

Elective for Juniors.

7. Analytical mechanics; differential equations.

Mon., Wed., 8.35, Fri., 2, Walker 2, PROFESSOR ESTY.

Elective for Seniors.

8. Advanced analytical geometry and advanced integral calculus.

(Omitted 1912-1913.)

Mon., Wed., 8.35, Fri., 2, Walker 2. PROFESSOR OLDS.

Elective for Seniors.

10. Introduction to the theory of functions.

Mon., Wed., 8.35, Fri., 2, Walker 2, PROFESSOR OLDS.

Course 10 is given alternate years with Course 8.

Elective for Seniors.

DESCRIPTIVE GEOMETRY AND DRAWING

11. Elements of Descriptive Geometry, Drawing and Lettering.

(Solid Geometry requisite.)

Tu., Sat., 8.35, Thu., 2, Walker 11, PROFESSOR PARKER.

12. Advanced Descriptive Geometry.

(11 requisite.)

Tu., Sat., 8.35, Thu., 2, Walker 11, PROFESSOR PARKER.

13. Descriptive Geometry of Warped Surfaces.

(11, 12 requisite.)

Thu., Fri., 9.30, Tu., 3, Walker 11, PROFESSOR PARKER.

14. Mechanical Drawing.

(11 requisite.)

Thu., Fri., 9.30, Tu., 3, Walker 11, PROFESSOR PARKER.

MODERN GOVERNMENT AND INTERNATIONAL LAW

2. Fundamentals of international law; definitions; the state; attributes of a state; government; object and test of government; influence of original theories, of time and circumstances; governments as single or federal, as monarchic, aristocratic, or democratic, as constitutional or arbitrary.

Tu., Sat., 8.35, Thu., 2, Walker 12, PROFESSOR GROSVENOR.

Elective for Juniors.

3. Existing governments, national, municipal, and local, in the states of Europe and America and in Japan, China, India and Australia.

Mon., Wed., 9.30, Fri., 3, Walker 12, PROFESSOR GROSVENOR.

Elective for Seniors.

4. The rights of states; international intercourse; relations of states at war; belligerents and neutrals; history, progress, and future of international law.

(Course 3 requisite.)

Under the governmental systems of different states their constitutions, administrative methods, and fundamental political ideas are discussed. The physical, ethical, and religious condition of people is investigated to ascertain the influence of such condition upon their political life. Attention is paid to special topics of contemporaneous interest. During each semester at least one thesis and two discussions will be presented by each student upon subjects assigned. Grosvenor's *Contemporary History*, Wilson's *The State*. Lawrence's *International Law*.

Mon., Wed., 9.30, Fri., 3, Walker 12, PROFESSOR GROSVENOR.

Elective for Seniors.

MUSIC

1, 2. Theory of Music; harmony.

Mon., Wed., Fri., 11.30, Music Room, PROFESSOR BIGELOW.

(Chorus, Mon., 7, Sun., 11.50. Orchestra, Mon., Thu. 7.30.)

Elective for Sophomores.

3, 4. The art of Music, its development and forms; appreciation of masterpieces.

Chorus and orchestra as above. (1, 2 not prerequisite.)

Mon., Wed., 8.30, Fri., 2, PROFESSOR BIGELOW.

Elective for Sophomores.

5, 6. The Music Dramas of Richard Wagner. *Die Meistersinger*, *Der Ring des Nibelungen*, *Parsival* etc., as time may permit.

Tu., Thu., Sat., 11.30, Music Room, PROFESSOR BIGELOW.

This course may be used to complete a major in either Music or German.

Pianos and a large orchestrelle are placed at the disposal of students taking these courses.

Elective for Juniors.

7, 8. Chorus and Orchestra.

Chorus, Mon., 7, Sun., 11.50. Orchestra, Mon., Thu., 7.30, PROFESSOR BIGELOW.

During the college year two large works are given, the first by the combined choruses and orchestras of Amherst and Smith Colleges; the second by the student chorus and orchestra, assisted by local and neighboring singers. Soloists and players from the Boston orchestras assist at each performance. The works to be studied are chosen from the following list, all of which have been repeatedly given in previous years: The Creation, Seasons, Messiha, Elijah, St. Paul, Hymn of Praise, Requiem Mass, etc.

Two rehearsals, amounting to an average of three hours a week are required, the same number of absences being allowed as in any other course. Students from all classes may become members of the orchestra or chorus and receive credit as follows: four semesters of such work is credited as a semester course; less than two consecutive semesters is not counted. Students may substitute oratorio credit for one regular course in the last semester of the four required for credit, provided the course so replaced is not in a major or a minor subject. Special registration at the Registrar's office is required for Courses 7 and 8.

COLLEGE CHOIR

Students who have good voices and have had experience in singing may become members of the choir, whenever there are vacancies. They receive remuneration for their services, in return for which a faithful performance of duty is required.

The duties of the choir are to lead singing daily at morning prayers and at the Sunday morning service, and to attend such choir and chorus rehearsals as may be appointed.

PHILOSOPHY

1. Logic. Study of the aims and methods of thinking

Tu., 2, Thu., Fri., 8.35, Chemical Laboratory, PROFESSORS MEIKLEJOHN AND TOLL.

Elective for Sophomores.

2. Ethics. A study of the nature and significance of conduct.

Tu., 2, Thu., Fri., 8.35, Chemical Laboratory, PROFESSOR NEWLIN.

Elective for Sophomores.

3. Psychology.

The aim of the course is to acquaint the student with general psychology, both in theory and in its various applications.

Mon., Wed., 9.30, Fri., 3, Walker 10, PROFESSOR TOLL.

Elective for Juniors.

4. Advanced psychology. A detailed study of some of the problems and theories of modern psychology.

Mon., Wed., 9.30, Fri., 3, Walker 10, PROFESSOR TOLL.

Elective for Juniors.

5. History of ancient philosophy. Lectures, readings and discussions.

1, 2 requisite.

Tu., 3, Thu., Fri., 9.30, Walker 10, PROFESSOR NEWLIN.

Elective for Juniors.

6. History of modern philosophy. Lectures, readings and discussions.

1, 2 requisite

Tu., 3, Thu., Fri., 9.30, Walker 10, PROFESSOR TOLL.

Elective for Juniors.

7. Philosophy. A study of political ethics with special reference to its bearing on social problems; æsthetics; philosophy of religion.

1, 2 requisite

Mon., 2, Wed., Thu., 10.30, Walker 10, PROFESSOR NEWLIN.

Elective for Seniors.

8. Social ethics (seminar). A study of philosophical principles in their application to the modern problems of philanthropy, industry and social life.

1, 2 requisite

Mon., 2, Wed., Thu., 10.30, Walker 10, PROFESSOR NEWLIN.

Elective for Seniors.

Instructor's approval requisite to election of this course.

PHYSICS

1, 2. Elementary mechanics; equilibrium and motion of solids, liquids, and gases; capillarity, and molecular forces; heat; electricity and magnetism; sound and light.

Mon., Fri., 10.30, Wed., 2, Physical Laboratory, PROFESSORS KIMBALL, J. O. THOMPSON and WESTHAFFER.

Elective for Sophomores.

3. Electricity and magnetism, with special emphasis on methods and principles of measurement.

Tu., Sat., 9.30, Thu., 3, Physical Laboratory, PROFESSOR J. O. THOMPSON.
(1, 2 requisite, Mathematics 3, 4 desirable.)

Physics 3 may be followed by 8 instead of 4, in case of advanced students in chemistry who have taken Mathematics, 3, 4.

Elective for Juniors.

4. Heat and elementary thermodynamics and physical optics, with especial reference to interference, diffraction, and polarization, and the optical properties of crystals.

(Mathematics 3, 4 desirable.)

Tu., Sat., 9.30, Thu., 3, Physical Laboratory, PROFESSORS KIMBALL and J. O. THOMPSON.

Elective for Juniors.

The courses below are open to those who have taken 3, 4. They need not be taken in the order indicated; 5, 7, or 9, may be combined with 6, 8, or 10.

5. Double refraction; electromagnetic theory of light and electric waves; electric discharge through gases; radioactivity.

(Mathematics 3 and 4 requisite.)

Tu., Sat., 8.35, Thu., 2, Physical Laboratory, PROFESSOR KIMBALL.

6. Dynamo-electric machinery, and theory of alternating currents of electricity.

(Mathematics 3 and 4 desirable.)

Tu., Sat., 8.35, Thu., 2, Physical Laboratory, PROFESSOR J. O. THOMPSON.

7. Electric waves.

(Mathematics 3, 4 requisite.) PROFESSOR WESTHAFFER.

8. Thermodynamics applied to problems in physical chemistry.

(Mathematics 3, 4 requisite.)

Physical Laboratory, PROFESSOR WESTHAFFER.

9, 10. Advanced laboratory work. Selected experiments.
(Six hours per week in the laboratory.)

PROFESSOR KIMBALL.

Hours for Courses 7, 8, 9, 10 are scheduled at the convenience of the instructor and students.

PUBLIC SPEAKING

2. Oral interpretation; declamations, one-hour course; individual training.

Mon., 2, 3, 4, 5, Chapel 7, PROFESSOR CORSA.

Required of all Freshmen.

3. Oral interpretation; declamations, one-hour course; individual training.

Mon., 2, 3, 4, 5, PROFESSOR CORSA.

Required of all Sophomores.

5. Lectures; examples for praxis; oral interpretation; orations; argumentation in debates; discussion; speeches.

Tu., Sat., 8.35; Thu., 2, Chapel 7, PROFESSOR CORSA.

Elective for Juniors.

7. Debates on social, economic, historical, and political questions.

Tu., 4, Chapel 7, PROFESSOR CORSA.

This is a one-hour course continuing till the end of the first semester

Any elective course may be taken in place of debates the first semester of Senior year, with credit for a one-hour course. All students selecting course 7 who have not previously taken course 5 must enter the course on or before October 1.

Elective for Seniors.

The department also furnishes individual training of contestants for the Freshman and Sophomore Kellogg prizes and for the Hyde and Bond prizes in the Spring term.

ROMANCE LANGUAGES

FRENCH

1, 2. Elementary course; pronunciation, grammar (composition), translation. *Equivalent to Entrance French A.*

A, B, Tu., 2, Thu., Fri., 8.35, Barrett, 5, 7.

C, D, Mon., 2, Wed., Thu., 10.30, Barrett, 5, 7.

PROFESSOR STOWELL and MR. BUSSOM.

Elective for Freshmen.

3, 4. Advanced course; rapid reading, syntax, composition, and conversation. *Equivalent to Entrance French B.*

A, B, Tu., 3, Thu, Fri., 9.30, Barrett, 5, 7, 8.

C, D, Tu., Sat., 8.35, Thu., 2, Barrett, 5, 7, 8, PROFESSORS LANCASTER and STOWELL and MR. BUSSOM.

Elective for Freshmen.

5, 6. French Classics of the seventeenth, eighteenth and nineteenth centuries.

A, Tu., Sat., 9.30, Thu., 3, Barrett 8, PROFESSOR LANCASTER.

B, Tu, Sat., 10.30, Wed., 3, Barrett 8, PROFESSOR LANCASTER.

Elective for Freshmen.

7, 8. The Novel, from Rabelais to Zola.

(5 and 6 requisite.)

Tu., 2, Thu., Fri., 8.35, Barrett 7, PROFESSOR STOWELL.

Elective for Sophomores.

9. Nineteenth Century Drama.

(5, 6, 7, and 8 requisite.) Tu., Thu., Sat., 11.30, Barrett 2, PROFESSOR LANCASTER.

Elective for Juniors.

10. The Contemporary Novel.

(9 requisite.)

Tu., Thu., Sat., 11.30, Barrett 2, PROFESSOR STOWELL.

Elective for Juniors.

11, 12. Literary Monuments of Old and Modern French.

Given on application of three or more students who have completed 9, 10.
(Omitted 1913-1914.)

PROFESSORS LANCASTER and STOWELL.

Elective for Seniors.

ITALIAN

1, 2. Pronunciation, grammar, translation. Stories by DeAmicis, Castelnovo, Farina, Verga, Fucini, and Serao; Manzoni, *I Promessi Sposi*.

Tu., Sat., 9.30, Thu., 3, Barrett 6, PROFESSOR BAXTER.

*Elective for Sophomores.*3, 4. Reading, composition, and lectures on the history of Italian literature. Selected tales from Boccaccio, *Decamerone* (Fornaciari); Ariosto, *Orlando Furioso* (Papini); Castiglione, *Il Cortegiano* (Cian).

Tu., Thu., Sat., 11.30, Barrett 6, PROFESSOR BAXTER.

(Omitted 1913-1914.)

*Elective for Juniors.*5, 6. Dante, *Vita Nuova*, *Divina Commedia* (Scartazzini); lectures on Dante.

Tu., Thu., Sat., 11.30, Barrett 6, PROFESSOR BAXTER.

Elective for Juniors.

SPANISH

1, 2. Pronunciation, grammar, composition, translation, conversation.

(French 1 and 2 requisite; may not be taken the same year as Italian 1, 2.)

Mon., Wed., 9.30, Fri., 3, Barrett 6, PROFESSOR BAXTER.

Elective for Sophomores.

3, 4. Spanish literature of the sixteenth and seventeenth centuries; the novel, the drama and the ballads.

Tu., 3, Thu., Fri., 9.30, Barrett 6, PROFESSOR BAXTER.

Elective for Juniors.

THE HENRY WARD BEECHER LECTURESHIP

This lectureship is named in honor of Henry Ward Beecher, of the class of 1834. It is awarded annually by the Faculty for supplementary lectures in the Departments of History and the Political and Social Sciences. The lectureship was founded by Frank L. Babbott, M.A., of the class of 1878.

THE KELLOGG LECTURESHIP

Preserved Smith, Ph.D., Kellogg University Fellow (see page 108), lectures on *Albrecht Dürer*.

THE CLYDE FITCH FUND

Of twenty thousand dollars was established by Captain and Mrs. W. G. Fitch, of New York in memory of their son, Clyde Fitch, of the class of 1886. The income of this fund is to be used for the furtherance of the study of English literature and dramatic art and literature. The whole or part of this income is usually devoted to the remuneration of an eminent lecturer, who may also take a part in the regular instruction of the College.

WILLIAM BREWSTER CLARK MEMORIAL LECTURESHIP

This lectureship is given by Fanny H. Clark and W. Evans Clark in memory of William Brewster Clark, M. D., of the class of 1876. Four or more lectures are given each year on the Modern Point of View. The purpose of the donors is "to assist the college in throwing light in a genuinely scientific spirit on the relation of present-day research, discovery, and thought to individual and social attitude and policy."

Buildings and Equipment

AMHERST COLLEGE is situated on the slope of the Connecticut valley, four miles east of the river. Beyond the broad valley on the west are the Hampshire and Berkshire hills, on the south is the Holyoke range, on the north are Mount Toby and the Sugar Loaf mountains, on the east are the Pelham Hills. The College is placed on a broad eminence at the center of this circle of mountains and ranges, looking out in every direction on beautiful scenery.

THE HENRY T. MORGAN LIBRARY

The library contains about one hundred and seven thousand volumes. The funds available for the increase of the library yield an annual income of about seven thousand dollars, which is expended under the direction of the library committee in such a way as to do justice to each department of the library.

The reading-room is supplied with the best foreign and American periodicals. Open shelves contain encyclopedias, dictionaries, and other books of reference, together with such books as are temporarily assigned to reading-room use by teachers in the several departments.

Members of the College are allowed free access, to the book shelves. In addition to the use of books in the library building, each student is permitted to have out three volumes at a time.

During term-time the College library and reading-room are open from 8.30 A.M. to 9.30 P.M., every day except Sun-

days and holidays. During vacations the library and reading-room are open daily, except Saturday, from 10 to 12 and from 2 to 4.

THE MATHER ART MUSEUM

For purposes of instruction in the history of Art, the College is well equipped with reproductions illustrating various periods and schools. The large collection of plaster casts which occupies the entire third floor of Williston Hall and the vestibule and stairway leading to it has been named in honor of the late Professor Richard H. Mather, D.D., in recognition of the fact that it was brought together solely through his agency. It comprises nearly one hundred casts of acknowledged excellence, of which some fifty, of the size of the originals, illustrate Egyptian, Mycenæan, Greek, and Roman sculpture, both in the round and in relief. Of later sculptors, Michelangelo, John of Bologna, Canova, and Thorwaldsen are represented. Among the copies of bas-reliefs, the most noteworthy is that of the Panathenaic frieze from the Parthenon, which encircles the main hall. There are also about forty statuettes and busts in the collection, all from antique or Renaissance originals. At the east end of the hall are full-sized casts of the Ghiberti gates in the Baptistry at Florence; at the west end is a reproduction of Crawford's doors of the Capitol at Washington.

The Museum is open every week-day, while College is in session from 2 to 3 P.M. At other times visitors are admitted on application to the custodian.

In addition to the resources of the Mather Museum, the rooms of several departments of the College are supplied with art reproductions of various kinds. The Latin and Greek rooms, also in Williston Hall, possess many casts in bronze and plaster, as well as collections of photographs,

engravings, and stereopticon slides. In the vestibule of the library are several Assyrian slabs, with inscriptions in cuneiform characters, dated about 900 B.C., which were obtained by the late Henry Lobbell, D.D., of the class of 1849 from the walls of the palace of Assurnazirpal at Nimroud.

LABORATORIES AND MUSEUMS

FAYERWEATHER LABORATORY

The Fayerweather Chemical Laboratory contains on the first floor laboratories for quantitative and qualitative analysis. Upon the second floor is a lecture-room, and adjoining is a room for preparations and apparatus for experiments. Upon the same floor is a working laboratory for students in general chemistry, and a laboratory arranged for organic and sanitary work, with a combustion room. Upon each floor is a recitation room. A library room is near the work-room of the more advanced students. In the basement are storerooms for glassware, chemicals, and acids, an assay room, a gas analysis room, and a workshop.

The Fayerweather Physical Laboratory has on the main floor a lecture room and an apparatus room with a collection for lecture illustration. There are also on this floor a library and reading-room, a recitation room, and a room for experimental work in electricity. On the upper floor are laboratories for elementary experimental work, a balance room, a photographic developing room, a dark room for general purposes, an optical room, and a spectroscope room equipped with a concave-grating spectroscope. In the basement are battery rooms, a uniform temperature room, a room for special researches, and a workshop and dynamo room, with steam and water power.

BIOLOGICAL AND GEOLOGICAL LABORATORIES

The biological and geological laboratories occupy a large building on the south side of the campus. On the first floor is the biological museum and on the second floor the geological and mineralogical museum. There are lecture rooms, laboratories, and working rooms, on both floors and in the basement.

The geological museum comprises the Woods Cabinet, which contains about twenty-five thousand specimens, including the general American and European collections, the State survey collections of New Hampshire, Vermont, Massachusetts, and Connecticut, and the Shepard Meteorite collection.

In the basement is the Hitchcock Ichnological collection, named after President Hitchcock, containing over twenty thousand tracks of animals in stone and casts of living and extinct species. The Adams collection of shells and Audubon's celebrated collection of birds given by the Hon. Elbert E. Farnam, LL.D., of the class of 1855, are in the biological museum.

APPLETON CABINET

Appleton Cabinet contains the botanical laboratory, the astronomy recitation room, the anthropological collection and the museum of Indian relics which receives its name from the Hon. George Gilbert of Ware, by whose liberality it was established. Large and valuable collections have recently been added by gifts from Alumni.

THE OBSERVATORY

The new observatory, with a thoroughly modern equipment, has an excellent site near the College. The large dome, thirty-five feet in diameter, houses an eighteen-inch Clark telescope. The small dome contains a seven and one-

fourth inch refractor. The observatory equipment comprises also an altazimuth, two transits with the usual accessories for meridian observations, and instruments for instruction in the theory and practice of navigation.

The land included in the observatory property is about seven and one-half acres, and adjoining are nearly fifty acres owned by the College.

LECTURE AND RECITATION HALLS

Walker Hall, a granite building, named for the donor, the late William J. Walker, of Newport, Rhode Island, contains nine lecture rooms for philosophy, history, modern government, English, and mathematics, and the offices of the Dean, Treasurer, and Registrar.

Williston Hall, a brick building, named for the donor, the late Samuel Williston of Easthampton, contains the Latin and Greek lecture-rooms, the Art Museum, and the rooms of the Christian Association.

Barrett Hall, a stone building erected in 1859, was the first college gymnasium in this country. It was named for the late Benjamin Barrett, M.D., of Northampton. The building was restored in 1907 by means of the fund given by Edward A. Strong of the class of 1855. It is now arranged for lecture-rooms, and is occupied by the departments of modern languages.

The Octagon has been completely remodeled for the use of the music department, and provides rooms for recitations, individual practice, and choral and orchestral work.

THE COLLEGE CHAPEL

The Chapel, one of the oldest buildings, was erected in 1828. In addition to Johnson Chapel, where morning prayers are conducted, it contains eight recitation rooms.

THE COLLEGE CHURCH

The College Church, the gift of the late William F. Stearns, is a beautiful Gothic edifice, in which preaching services are held on Sundays.

COLLEGE HALL

College Hall, a brick building, originally the village church, was restored in 1905 by the class of 1884. It is in the colonial style of architecture, with a graceful portico and cupola. It has galleries and accommodates about one thousand persons. Every class since 1828, when the church was built, has been graduated in this hall. It is the place where Commencement exercises are held, oratories rendered, public lectures given, and student mass-meetings assembled.

THE PRATT GYMNASIUM AND NATATORIUM

The Pratt Gymnasium is the gift of Charles M. Pratt, M.A., of the class of 1879. The main hall affords ample space for drill practice with light apparatus, and for military evolutions. The equipment of specialized apparatus is complete, and enables a large number of students to take individual exercise simultaneously.

On the main floor are the offices of the department. The physician of the College and his assistants are in daily attendance, to give personal care and advice respecting the bodily needs and exercises of the students.

One division of the building contains a fencing and wrestling room. In the basement are the bowling-alleys, a sparing room, and baseball cage. The gymnasium is open every week-day from 8.45 A.M. to 6 P.M., and for special purposes in the evening.

The Pratt Natatorium is the gift of Harold I. Pratt, B.S., of the class of 1900. The pool is seventy-five feet long and

twenty-two wide. Apparatus for water sports is provided. The building which contains the swimming pool is connected by a corridor with the gymnasium. The pool is on the first floor, with an elevated area for spectators. On the second floor are one double and three single squash-racquet courts, the gift of Mortimer L. Schiff, M.A., of the class of 1896. The pool and the racquet courts are free to all students.

THE PRATT FIELD AND SKATING RINK

The Pratt Field, an area of about thirteen acres, less than one-third of a mile from the College, is the gift of Frederic B. Pratt, M.A., of the class of 1887. It is provided with a well-laid quarter-mile track and space for field contests, a baseball diamond, football grounds, and tennis courts. The grandstand seats about five hundred, and furnishes standing-room for as many more. In the large space under the stand are dressing-rooms, shower-baths and storerooms.

The Pratt Skating Rink, built in 1908, is the gift of Charles M. Pratt, M.A., of the class of 1879, for the free use of all students. It is situated near Pratt Field, and has an area of 200 x 115 feet. A heated bungalow at the rink-side provides for the comfort of skaters and spectators.

HITCHCOCK MEMORIAL FIELD

The large open field of forty acres situated south of the gymnasium has been named Hitchcock Memorial Field in memory of Edward Hitchcock, M.D., LL.D., who was for fifty years Professor of Physical Education and Hygiene at Amherst College.

The field slopes toward the south, with a difference of elevation of about 100 feet from the Pratt Gymnasium to the railroad. The upper part of the field is the steeper, with a very quick slope close to the Natatorium.

The field is designed to provide an exercising ground for the entire college. Intercollegiate sports will continue, as at present, on the specially arranged and well-equipped Pratt Field. The Pratt Gymnasium and Natatorium is naturally the center of interest and a starting point for those using Hitchcock Field. In the plan it is made the central feature, from which walks will lead to all parts of the field. To the south two walks, on either side of the gymnasium, will lead across three terraces to the large fields for baseball, football, or soccer and a quarter-mile straightaway running track near the southern boundary. To the east the walks will lead down to an oval quarter-mile running track, 100-yards and 220-yards dash, and the straightaway running course.

The plan of development contemplates three terraces 120 feet in width, the central portion to be grassed and used for gymnastic class work or smaller sports. On the sides 36 gravel tennis courts and 6 basketball courts can be arranged. It will be possible to secure, in addition, 5 ball fields, 6 football or soccer fields, a quarter-mile oval and a quarter-mile straightaway, 100-yards and 200-yards dash, a one mile cross country run, jumping boxes, hurdles, skeeing, sliding, and lacrosse. Skating can be secured by making ice on the level fields after the ground is frozen. When fully completed, the field will accommodate at one time about 300 men, all exercising in some portion of the grounds. Approximately one-sixth of the field has been completed and the remainder of the work will be pushed forward as rapidly as funds can be secured.

THE PRATT HEALTH COTTAGE

The Pratt Health Cottage, in an elevated situation three fourths of a mile from the College, is the joint gift of George D. Pratt, B.S., of the class of 1893, Herbert L. Pratt, B.A., of the class of 1895, and John T. Pratt, B.A., of the class

of 1896. Its size and equipment are ample for the purposes of an infirmary, where students temporarily disabled by disease or accident may receive treatment in accordance with the liberal provisions of the donors. The College physician has general charge of the infirmary in all matters except treatment, for which any student is at liberty to employ a physician of his own choice and school of medicine. The arrangements for treating infectious diseases are perfect, and the collection of surgical appliances suitable for emergency cases is complete. The matron, a graduate nurse, is ready at all hours during term-time to relieve sick or disabled students, and provide for their necessities, pending any arrangement for especial treatment. Every case of sickness, whether the student goes to the infirmary or not, must be immediately reported to the College physician. Each patient is charged a sum sufficient to defray necessary expense. Provision is made for a limited number of patients by funds given in aid of needy and worthy students, one in memory of Rev. Edmund K. Alden, D.D., of the class of 1844, one in memory of President William S. Clark, LL.D., of the class of 1848, and one in memory of Rev. Thomas P. Field, D.D., of the class of 1834.

DORMITORIES

The rooms in North and South Colleges, arranged on the general plan of a separate study and bedroom, allow a choice in suites for one, two or three students.

Morris Pratt Memorial Dormitory was given by Mr. and Mrs. Charles M. Pratt as a memorial to their son, who was for a time a member of the class of 1911. The rooms are arranged on the plan of a study with two bedrooms, and single rooms.

The building is one of the best examples of the modern college dormitory. The construction is fireproof throughout.

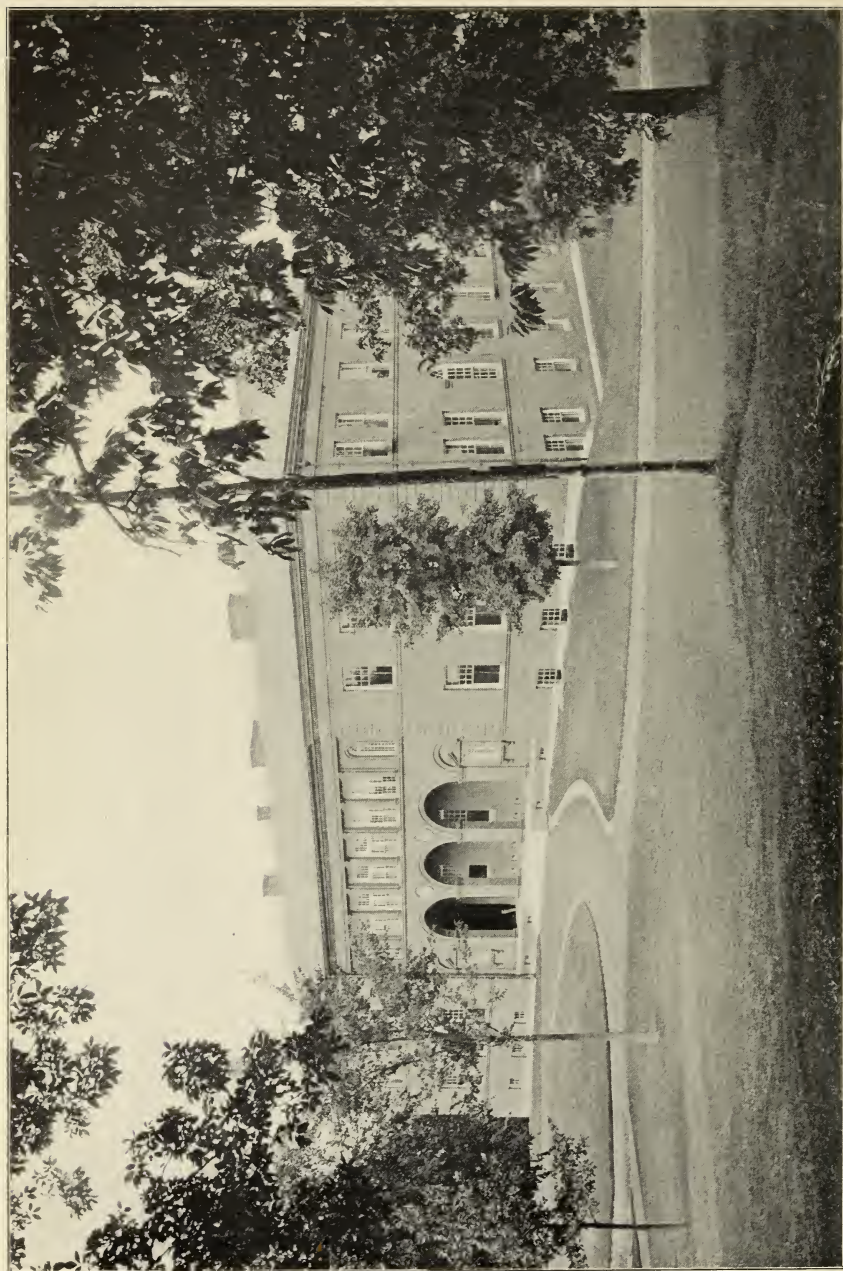
There is a large and beautiful resort room on the first floor. The rooms are arranged either as single rooms, or in suites of a study and either one or two bedrooms.

The buildings are heated with steam, and there are tiled open fireplaces in most of the rooms. The rooms are unfurnished. The floors are hardwood, and may be left uncarpeted and used with rugs. The hallways and rooms are lighted with electricity. The prices named for room-rent include heat, water, and care of the rooms by janitors.

A student who is occupying a dormitory room is allowed until the first Monday in May to engage the same for the succeeding year. After that date, members of the College may draw for choice of unengaged rooms in the following order: on the Tuesday following, members of the incoming Senior class; on the Thursday following, members of the incoming Junior class; and on the Friday following, members of the incoming Sophomore class. After the last date rooms will be rented as called for; or they may be reserved for members of the incoming Freshman class. Application for rooms should be made to the Treasurer.

A payment of ten dollars is required when a room is engaged, this amount being credited on the account for the first semester. The balance of one-half of the yearly rental is payable before the opening of the first semester and the second half before the opening of the second semester. Payment of the amount due each semester must precede registration. Bills for electricity used in the rooms are to be paid at the close of each term.

Dormitory rooms may be rented only for the entire academic year even in cases of withdrawal from College. Applicants who are rejected at the June examinations will be released from their contracts and deposits made to secure rooms will be refunded on written request to the Treasurer before July 15. After the June examinations all applicants who engage rooms will be held for the year's rental.



FAYERWEATHER LABORATORIES

Dormitory rooms may be occupied on the Monday of the week in which the Autumn term opens.

\$55, North College, Nos. A, C, D, F; South College, Nos. 7, 15, A.

\$60, North College, Nos. B, E; South College, 11, C.

\$65, South College, B.

\$70, Morris Pratt Memorial Dormitory, Nos. 110, 111.

\$80, South College, No. 14; Morris Pratt Memorial Dormitory, Nos. 102, 103, 210, 211, 310, 311.

\$85, North College, Nos. 14, 15, 18, 19, 29, 32; South College, Nos. 1, 4.

\$90, North College, Nos. 1, 4, 10, 11, 25, 28; South College, Nos. 29, 32;

Morris Pratt Memorial Dormitory, Nos. 202, 203, 302, 303.

\$95, South College, Nos. 18, 19, 25, 28.

\$100, North College, Nos. 2, 17; South College, Nos. 2: 17.

\$110, North College, Nos. 13, 30; South College, No. 13.

\$115, North College, Nos. 5, 9, 16, 22, 26, 31; South College, Nos. 5, 9, 16.

\$120, North College, Nos. 8, 12, 23, 27; South College, Nos. 8, 12, 30, 31.

\$125, South College, Nos. 22, 23, 26, 27.

\$135, North College, Nos. 6, 21; South College, Nos. 6, 21.

\$140, Morris Pratt Memorial Dormitory, No. 410.

\$150, Morris Pratt Memorial Dormitory, No. 402.

\$160, Morris Pratt Memorial Dormitory, Nos. 405, 406, 407, 408.

\$175, South College, Suite 14, 14A, and 14B.

\$180, Morris Pratt Memorial Dormitory, Nos. 401, 404, 409, 412.

\$185, South College, Suite, 10, 10A, and 10B.

(10 B at \$45 may be rented with 11 as a suite at \$105. 14 B at \$45 may be rented with 15 as a suite at \$100.)

\$200, Morris Pratt Memorial Dormitory, Nos. 105, 108, 205, 206, 207, 208, 305, 306, 307, 308.

\$225, Morris Pratt Memorial Dormitory, Nos. 101, 104, 109, 112, 201, 204, 209, 212, 301, 304, 309, 312.

Honors

COMMENCEMENT EXERCISES

FROM the fifteen Seniors who have attained the highest general standing at the end of the first semester of Senior year, five are selected upon the basis of literary and oratorical merit, to deliver orations on Commencement day. The Bond prize of one hundred dollars is awarded to the speaker who delivers the best oration.

THE BOND FIFTEEN FOR 1913

Frederick Leslie Cadman	George Daniel Olds, Jr.
Louis Goldsborough Caldwell	*Frederick Russell Pope
*Raymond Witherspoon Cross	Herbert Hammond Pride
Paul Francis Good	George Scatchard
George Remington Havens, Jr.	*Lewis Dayton Stilwell
*Frederick John Heinritz	Raymond Worthington Stone
John Munro Jaqueth	Clarence Leon Tappin
*Allison Wilson Marsh	

The Bond Prize was awarded in 1913 to Frederick Russell Pope.

THE PHI BETA KAPPA SOCIETY

Those who at the end of the first semester of Junior year have attained a grade of 88 are, on recommendation of the Faculty, elected members of the Phi Beta Kappa Society. Those who at the end of the first semester of the Senior year have attained a grade of 85 are, on recommendation of the Faculty, elected members of the society.

*Selected by competition as Commencement Speakers.

PHI BETA KAPPA 1913

President: PROFESSOR GEORGE D. OLDS, LL.D.

Corresponding Secretary: PROFESSOR LEVI H. ELWELL, M.A.

Recording Secretary: RALPH A. LAWRENCE.

First Drawing, Class of 1914

Ralph Alphonso Lawrence

Second Drawing, Class of 1913

Harold Gates Allen

Allison Wilson Marsh

Frederick Leslie Cadman

Herbert Hammond Pride

Raymond Witherspoon Cross

Lewis Dayton Stilwell

George Remington Havens

Raymond Worthington Stone

Frederick John Heinritz

Clarence Leon Tappin

John Munro Jaqueth

FINAL HONORS AT GRADUATION

Final honors in a single department of study are awarded for special work involving collateral reading or investigation under the following conditions:

(1) The candidate must complete the last four semester courses. The three semester courses in Modern Government may be grouped with one semester in History, Philosophy, or Economics, in which a standing of 80 must be maintained. In History the Junior courses 3-4 5-6, or 9-10, may be reckoned as two of the last four courses. The special work of collateral reading or investigation is to be done in the last two courses. No student may be a candidate in more than one department, except by vote of the Administration Committee.

(2) The candidate must have at graduation an average standing of not less than 80 in all studies of the college course; an average standing of not less than 75 in each study of Senior year, and of 90 in the last year of study in the department in which the honor is sought.

(3) The proficiency of the candidate is tested by special examination or by thesis, or by both, at the end of Senior year.

(4) Notice of intention to become a candidate must be given to the Registrar by October 10 of the Senior year.

(5) One unit is added to the total average rank of a student who takes final honors. If honors are taken in more than one department, only one unit is added.

(6) The names of successful candidates are announced at Commencement and in the annual catalogue.

FINAL HONORS 1912-1913

Paul Francis Good

Mathematics

Frederick John Heinritz

Chemistry

Ralph Wells Westcott

*Modern Government and International
Law*

HONORABLE MENTION

(1) There must be a standing of not less than 75 in every department for the year.

(2) An average of 93 must be maintained for a full year's course in the department in which honorable mention is sought.

The names of those who have honorable mention are announced in the annual catalogue.

HONORABLE MENTION

1912-1913

Biblical Literature

1913 Frederick Leslie Cadman

1913 Henry Smith Leiper

Biology

1914 Sidney Dakin Chamberlain

1915 Philips Foster Greene

Chemistry

1913 Timothy Joseph Burns

1914 Ralph Alphonso Lawrence

1915 Louis Franklin Eaton

1915 Sidney Raymond Packard

1916 Charles Hanchett Hitchcock

Economics

- | | | | |
|------|-------------------------|-----------------------|-------------------|
| 1913 | Frederick Leslie Cadman | 1913 | Paul Francis Good |
| | 1913 | Irving Edward Richard | |

English

- | | | | |
|------|-----------------------|-----------------------|----------------------|
| 1913 | Irving Edward Richard | 1914 | Walter Raymond Agard |
| | 1914 | Frank Halliday Ferris | |

French

- | | | | |
|------|-------------------------|------|----------------------------|
| 1914 | Frank Clifford Finch | 1914 | Ralph Alphonso Lawrence |
| 1914 | Cameron Whiteford | 1915 | Sidney Raymond Packard |
| 1915 | Hollis Winslow Plimpton | 1916 | Charles Hanchett Hitchcock |

Geology

- | | | | |
|------|--------------------|----------------------|--------------------------|
| 1913 | Arthur Hazard Bond | 1914 | Sidney Dakin Chamberlain |
| | 1914 | Alfred Edward Mallon | |

German

- | | | | |
|------|----------------------|----------------------------|------------------------|
| 1914 | Walter Raymond Agard | 1915 | Frederick Crosby Allen |
| | 1916 | Charles Hanchett Hitchcock | |

Greek

- | | | | |
|------|--------------------|------|----------------------|
| 1913 | Harold Gates Allen | 1914 | Walter Raymond Agard |
|------|--------------------|------|----------------------|

History

- | | |
|------|------------------------|
| 1913 | Frederick Russell Pope |
|------|------------------------|

Latin

- | | | | |
|------|-------------------------|-------------------------|--------------------------|
| 1914 | Walter Raymond Agard | 1914 | Mervin Washington Bliss |
| 1914 | Percival Floyd Bliss | 1914 | John Tilney Carpenter |
| 1914 | Frank Halliday Ferris | 1915 | Sidney Raymond Packard |
| 1915 | Hollis Winslow Plimpton | 1915 | Kenneth Whittemore Banta |
| | 1916 | William Goodwin Avirett | |

Mathematics

- | | | | |
|------|----------------------------|------|--------------------------|
| 1913 | Stuart Franklin Heinritz | 1913 | Paul Francis Good |
| 1914 | Mervin Washington Bliss | 1914 | Frank Clifford Finch |
| 1914 | Ralph Alphonso Lawrence | 1915 | Frederick Crosby Allen |
| 1915 | George Leon Cutton | 1915 | Everett Webb Fuller |
| 1915 | Hollis Winslow Plimpton | 1915 | George Keyes Ripley |
| 1916 | Charles Hanchett Hitchcock | 1916 | Humphrey Fuller Redfield |

Modern Government

- | | | | |
|------|------------------------|---------------------|---------------------------|
| 1913 | Harold MacMillan Bixby | 1913 | Allison Wilson Marsh |
| 1913 | Albert Millard Morris | 1913 | Raymond Worthington Stone |
| | 1913 | Hobart Pond Swanton | |

Music

1913 Albert Louis Stirn 1915 Philips Foster Greene

Physical Education

1914 Sidney Dakin Chamberlain 1915 Kenneth Whittemore Banta
1915 Philips Foster Greene

Physics

1913 Stuart Franklin Heinritz 1914 Ralph Alphonso Lawrence
1915 Louis Franklin Eaton 1915 Sidney Raymond Packard
1915 Hollis Winslow Plimpton 1915 George Keyes Ripley
1915 Homer Morgan Smith

Prizes

THE following prizes are offered annually for proficiency in the work of several departments of collegiate study:

GREEK

The Hutchins Prize, of fifty dollars, given by the late Waldo Hutchins of the class of 1842, to the best scholar in Greek at the end of the Junior year. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

Divided equally in 1913 between John Tilney Carpenter of the Class of 1914, and Leslie Matheson Hickson of the Class of 1914.

LATIN

The Bertram Prizes, of fifty dollars each, given by the late John Bertram of Salem. For the year 1913-1914, one of the prizes is awarded to that student who, together with attaining a high average in the work of Latin 7, presents the best essay on the philosophical, ethical, or poetical elements in the *De Rerum Natura* of Lucretius; the other prize is awarded to that student who, together with attaining a high average in the work of Latin 8, presents the best essay on the *Aeneid* of Vergil with especial reference to the literary qualities of the last six books, to the successful employment of the Latin hexameter and to the influence of Vergil on subsequent writers.

Awarded in 1913 to John Tilney Carpenter of the Class of 1914, and Philip West Payne of the Class of 1914.

Two Junior Prizes, of thirty dollars each. For the year 1913-1914, one of the prizes is awarded to that student who, together with attaining a high average in Latin 5, presents the best papers on topics connected with the study of Roman Satire; the other prize is awarded to that student who, together with attaining a high average in the work of Latin 6, presents the best essay on a topic connected with the study of the *Annales* of Tacitus.

Awarded in 1913 to Percival Floyd Bliss of the Class of 1914, and Leslie Matheson Hickson of the Class of 1914.

The Billings Prizes, of thirty and of twenty dollars, given by the late Parmly Billings of the Class of 1884, for general excellence in the work of

the Sophomore year, together with the best essays on special topics connected with the study of Catullus, Tacitus, and Pliny the Younger.

In 1913 the sum of the two prizes was divided equally between Walter Raymond Agard of the Class of 1915, and Sidney Raymond Packard of the Class of 1915.

The Freshman Prizes, of twenty-five and of fifteen dollars, for the highest scholarship in the Latin of Freshman year. The award will be determined by the reading at sight of passages from Cicero, Livy, Horace, and Ovid.

Awarded in 1913, first prize to Lewis Mansfield Knapp of the Class of 1916; second prize to William Gates, Jr., of the Class of 1916.

ENGLISH

The Kellogg Prizes, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by the late Rufus B. Kellogg of the class of 1858, for excellence in declamation.

Awarded in 1913 to Joseph Lyons Snider of the Class of 1915, and John Ulrich Reber of the Class of 1916.

The Hardy Prizes, of thirty and of twenty dollars, given by the late Alpheus Hardy of Boston, for improvement in extemporaneous speaking.

Awarded in 1913: first prize to Lewis Dayton Stilwell of the Class of 1913; second prize to Henry Smith Leiper of the Class of 1913.

In 1912, one of the Hardy prizes was won by Wayland Hall Sanford of the Class of 1912, whose name was inadvertently omitted from the list of prize winners in the catalogue of that year.

The Hyde Prize, of one hundred dollars, given by Benjamin D. Hyde of the Class of 1894, in memory of his father, Henry D. Hyde, of the Class of 1861, to that member of the Senior class who produces the best oration. Both composition and delivery are considered in making the award.

Awarded in 1913 to Frederick Russell Pope of the Class of 1913.

The Bond Prize, of one hundred dollars, given by the late Ephraim W. Bond of the Class of 1841, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

Awarded in 1913 to Frederick Russell Pope of the Class of 1913.

The Kent Prize in English Literature, of one hundred dollars, given by Daniel Kent of the Class of 1875, for the best essay upon one of the subjects announced by the English department.

Awarded in 1913 to Henry Smith Leiper of the Class of 1913.

The Class-of-1884 Oratorical Prize, of twenty-five dollars, given by a member of the Class of 1884, to the orator who is chosen to represent Amherst in the New England Intercollegiate Oratorical Contest.

Awarded in 1913 to Henry Smith Leiper of the Class of 1913.

The Rogers Prize, of seventy dollars, given by Noah C. Rogers, of the Class of 1880, to Juniors for excellence in debate.

Divided equally in 1913 among Sidney Dakin Chamberlain, Maurice Frederick Childs, Royal Firman, Merrill Stanton Gaunt, John Cuthbert Long, Hallock Luce, Jr., George Verdi Morse, and John Windrum Strahan, Jr.

The Armstrong Prizes, of fifty dollars in books, given by Collin Armstrong of the Class of 1877, in memory of his mother, Miriam Collin Armstrong, to members of the Freshman class who excel in composition.

Awarded in 1913: first prize to Eugene Stinson of the Class of 1916; second prize to William Goodwin Avirett of the Class of 1916; third prize to Edwin Henry Lutkins of the Class of 1916.

The Hagen Prize in English Literature, of fifty dollars, given by Winston H. Hagen of the Class of 1879. For the year 1913-1914 the prize will be assigned for the best work in the English course, 9 and 10, together with the best examination upon certain special work.

Awarded in 1913 to Frank Halliday Ferris of the Class of 1913.

The Folger Prizes, of one hundred, of fifty, and of twenty-five dollars given by Henry C. Folger, Jr., of the Class of 1879, for the best essays on Shakespearean topics, to be competed for by members of the Senior class.

Awarded in 1913: first prize to Edward Stiles Morse of the Class of 1913; second prize to George Daniel Olds, Jr., of the Class of 1913; third prize to Frederick John Heinritz of the Class of 1913.

MATHEMATICS, PHYSICS, AND ASTRONOMY

The Walker Prizes, given by the late William J. Walker of Newport, Rhode Island.

Two prizes, of fifty and of thirty dollars, in the mathematics of the first year.

Awarded in 1913: first prize to Alfred Hamlin Washburn of the Class of 1916; second prize to Lowell Cady of the Class of 1916.

Two prizes, of eighty and of forty dollars, in the mathematics of the second year.

Awarded in 1913: first prize to George Keyes Ripley of the Class of 1915; second prize to George Leon Cutton of the Class of 1915.

The award in each case is determined by an examination.

The Porter Prizes, of twenty dollars for proficiency in first year physics and astronomy, given by the late Eleazer Porter of Hadley.

Awarded in 1913 to Sidney Raymond Packard of the Class of 1915.

The A. C. James Prize, of fifty dollars, for proficiency in the study of navigation.

Awarded in 1913 to Arthur Hazard Bond of the Class of 1913.

A prize of thirty dollars, given by a member of the Class of 1884, for proficiency in the second year's course in physics.

Awarded in 1913 to Mervin Washington Bliss of the Class of 1914.

NATURAL SCIENCE

The Shepard Mineralogical Prizes, of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor Charles U. Shepard, of the Class of 1824, to members of the Senior class in mineralogy.

The Sawyer Prize, a gold medal of the value of fifty dollars, given by the late Edmund H. Sawyer, of Easthampton, for the best work in the course in human anatomy and physiology.

Awarded in 1913 to Howard Charles Harding of the Class of 1913.

The A. Lyman Williston Prizes, of fifteen and of ten dollars, given by A. Lyman Williston, of Northampton, to those members of the Freshman class who take the best series of lecture notes in the course on personal hygiene.

Awarded in 1913: first prize to Theodore Caldwell Edwards of the Class of 1916; second prize to Amzi Fisher Hoffman of the Class of 1916.

THE PORTER ADMISSION PRIZE

The Porter Admission Prize, of fifty dollars, given by the late Eleazer Porter, of Hadley, to the student who passes the best examination in an ancient language, English and Mathematics, at an examination in October open to all members of the entering class. The name of the successful candidate, together with that of his school or of the instructor with whom he prepared for college, is published in the catalogue.

Awarded in 1912 to Lewis Mansfield Knapp of the Class of 1916 who prepared for college at the Groton, Mass., High School.

Awarded in 1913 to Morris Albert Copeland who prepared for College at the East High School, Rochester, N. Y.

OTHER PRIZES

The Leland Prize, of one hundred dollars, given by Dr. George A. Leland of the Class of 1874, to the class which, during the year, shall most faithfully discharge its duties in the gymnasium, and carry out most fully the instructions of the Professor of Hygiene.

Awarded in 1913 to the Class of 1915.

The Ladd Prizes, the sum of one hundred dollars, given by William M. Ladd of the Class of 1878, to be divided among undergraduate members of the College, for excellence in heavy gymnastic exercises at the annual exhibition.

The Woods Prize, of sixty dollars, given by the late Josiah B. Woods of Enfield, for general culture and improvement. This prize is awarded at the conclusion of the course.

Awarded in 1913 to Harold Philip Partenheimer of the Class of 1913.

The Dante Prize, of one hundred dollars, is offered annually by the Dante Society of America for the best essay by a student, or graduate of not more than three years' standing, on a subject drawn from the Life or Works of Dante. Competition for the prize is open to students and graduates of any college or university of the United States. Detailed information in regard to rules of competition and choice of subjects may be obtained from the Department of Romance Languages.

The Class-of-1884 Prize, of one hundred dollars, to the class that excels in the singing of college songs. The contest occurs on the campus in June, when the four classes sing in turn. A prize of twenty-five dollars is given for the best original song.

Awarded in 1913 to the Class of 1913.

The prize for the best original song was divided equally between Julius Seelye Bixler and Lewis Mansfield Knapp, both of the Class of 1916.

Fellowships

THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

OF two hundred and fifty dollars, offered by the Alpha Delta Phi Fraternity, is awarded annually, under conditions determined by the Faculty, to a member of the Senior class for excellence in history and the social and economic sciences. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two instalments, one on completion of one-half the year's work, the other at the end of the year.

THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg of the class of 1858 awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions:

(1) He shall be elected by the Faculty from the members of the class graduated at the close of the academic year in which this selection shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

(2) The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other consideration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.

(3) The first three years of the term of seven years the incumbent shall spend at a German university (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of philosophy, philology, literature, history, political science, political economy, mathematics, or natural science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

THE EDWARD HITCHCOCK FELLOWSHIP

Of five hundred dollars, was founded by the late Mrs. Frank L. Babbott of Brooklyn, N. Y., to promote graduate study in the department of physical education. Its object is to make the student familiar with the best methods of physical training, both in the gymnasium and on the field. The appointment is made by the Faculty.

THE SOUTH END HOUSE FELLOWSHIP

Of five hundred dollars, is provided by alumni of Boston and vicinity. The incumbent is in residence one year at the South End House, Boston, for the purpose of investigating social conditions and rendering service according to the methods of a university settlement. The appointment is made by the Trustees of the College.

Scholarships and Beneficiary Aid

THE beneficiary funds of the College aggregate three hundred thousand dollars. Except as otherwise provided by the donors, the income of these funds is distributed annually, among students of high character and good scholarship who need pecuniary aid.

Aid from beneficiary funds is given only to students who maintain a high standard of honor, who have no delinquency in any subject, whose average rank is not below seventy per cent, whose habits are economical, and who are candidates for a degree.

Awards are paid in instalments, at the beginning of each semester. The award is made for the entire year.

Applicants for scholarships in the three upper classes must file at the Registrar's office, on or before June 1, a statement of their resources for the academic year, together with two letters of recommendation giving evidence of their need, attainments, and character.

Applicants for the renewal of scholarships must present an account of their expenditures and income for the preceding year.

A limited number of applicants may be assured of scholarship awards before entering college. Blanks for application may be obtained of the President, and, when filled out by the applicant, must be accompanied by two letters concerning need, character, and attainments, one letter from the parent or guardian, and one from the principal or teacher. Awards are not payable unless the applicant is free from entrance conditions.

Scholarships are of three grades: one hundred and forty dollars, one hundred and twenty-five dollars, and one hundred and ten dollars, the amount being credited on tuition bills. Scholarships of the first grade are awarded to students whose average standing is A (90 to 100); of the second grade, to students whose average standing is B (80 to 89); of the third grade, to students whose average standing is C (70 to 79). There are four scholarships of one hundred dollars, and four of one hundred and ten dollars, which are not subject to the above conditions, except that a standing of not less than 70 shall be maintained. Those who intend to enter the Christian ministry receive awards of full tuition on the above conditions.

Awards are made from the income of the following funds:

The Charitable Fund, \$90,000, primarily in aid of those studying for the Christian ministry. Any surplus income may be awarded to other students in the classical course.

The Stone Educational Fund, \$25,000.

The Class of 1871 Scholarship Fund, \$25,000, established by a member of the Class.

The Moore Beneficiary Fund, \$18,000, established by Rev. Zephaniah Swift Moore, D.D., first president of the college.

The William Hilton Scholarship Fund, \$22,500, the bequest of William Hilton of Boston.

The Whitcomb Scholarship Fund, \$12,000, established by David Whitcomb and G. Henry Whitcomb of Worcester.

The Hitchcock Scholarship Fund, \$11,000, established by Samuel A. Hitchcock of Brimfield.

The John E. Sanford Class-of-1851 Scholarship Fund, \$10,000, established by John E. Sanford of Taunton.

The Emerson Gaylord Scholarship Fund, \$6,000, the bequest of Emerson Gaylord of Chicopee. Preference is given to graduates of the Chicopee High School.

The Day Benevolent Fund, \$5000, the bequest of Moses Day of Boston.

The Seymour Scholarship Fund, \$5000, the bequest of James S. Seymour of Auburn, New York.

The Harry L. Wilbur Scholarship Fund, \$5000, established by his parents in memory of Harry L. Wilbur of the Class of 1884.

A Scholarship Fund, \$5000, the bequest of Ivory H. Bartlett, Jr., of New Bedford.

The Danforth Keyes Bangs Scholarship Fund, \$4000, the bequest of Mrs. Louisa S. Baker of Amherst.

The Farnsworth Scholarship Fund, \$3000, established by Isaac D. Farnsworth of Boston.

The Knowles Scholarship Fund, \$3000, the bequest of Lucus J. Knowles of Worcester.

A Scholarship Fund, \$3000, established by a friend of the College.

Class of 1861 Scholarship Fund, \$3000, established by the Class.

Class of 1880 Scholarship Fund, \$3000, established by the Class.

The Reed Scholarship Fund, \$2500, the bequest of Charles Thayer Reed of Boston, in memory of his son, Charles Thayer Reed, Jr.

The Harold Ely Morse Memorial Scholarship Fund, \$2500, established by the family of Professor Anson D. Morse.

The Class of 1877 Scholarship Fund, \$2500, established by the Class.

The Charles Merriam Scholarship Fund, \$2400, established by Charles Merriam of Springfield.

The Class of 1860 Scholarship Fund, \$2200, established by the Class.

The Persian Scholarship Fund, \$2000, the bequest of Rev. James L. Merrick of Amherst.

The Quincy Tufts Scholarship Fund, \$2000, the bequest of Quincy Tufts of Boston.

The Henry Gridley Class-of-1862 Scholarship Fund, \$2000, established by the Class in memory of their classmate whose name it bears.

The Henry H. Goodell Class-of-1862 Scholarship Fund, \$2000, established by the Class in memory of their classmate whose name it bears.

The Borden Scholarship Fund, \$2000, the bequest of Samuel Augustus Borden of Boston.

The Anderson Scholarship Fund, \$2000, the bequest of Samuel Augustus Borden of Boston.

The W. Eugene Kimball Scholarship Fund, \$2000, established by Robert J. Kimball of Brooklyn, N. Y.

The Morse Scholarship Fund, \$2000, established by Charles L. Morse of the Class of 1901.

The Draper Scholarship Fund, \$2000, established by Warren F. Draper of the Class of 1847.

The Alexander H. Bullock Scholarship Fund, \$1500, established by Alexander H. Bullock of the Class of 1836.

The Class of 1836 Scholarship Fund, \$1500, established by the Class.

The Class of 1853 Scholarship Fund, \$1500, established by the Class.

The Class of 1871 Scholarship Fund, \$1500, established by the Class.

The Class of 1855 Scholarship Fund, \$1100, established by the Class.

The Class of 1826 Scholarship Fund, \$500, established by two members of the Class.

Scholarship funds of \$1000 each as follows:

The Levi Russell Scholarship Fund, established by Levi Russell of Hadley.

The Tuttle Scholarship Fund, the bequest of Mrs. Sarah Tuttle of Wayland.

The George Cook Scholarship Fund, established by George Cook of the Class of 1841.

The Enos Dickinson Scholarship Fund, established by Enos Dickinson of Amherst.

The John C. Newton Scholarship Fund, established by John C. Newton of Worcester.

The James H. Newton Scholarship Fund, established by James H. Newton of Holyoke.

The Johnson Class-of-1823 Scholarship Fund, established by A. J. Johnson of New York City.

The Southworth Class of 1822 Scholarship Fund, established by Wells Southworth of New Haven, Connecticut.

The Joseph Carew Scholarship Fund, established by Joseph Carew of South Hadley.

The Gregory Class-of-1850 Scholarship Fund, established by Hon. James J. H. Gregory of Marblehead.

The Dolly Coleman Blake Scholarship Fund, the bequest of Dolly Coleman Blake of Boston.

The Miller Scholarship Fund, established by Mrs. S. P. Miller of Montclair, New Jersey, in memory of her son, J. C. B. Miller of the Class of 1869.

The Green Scholarship Fund, the bequest of Rev. Henry Solomon Green of the Class of 1834, as a memorial gift from himself and H. M. Green of the Class of 1865.

The Thomas Hale Scholarship Fund, established by Mrs. Alice T. March of Newburyport.

The Mary W. Hyde Scholarship Fund, the bequest of Mary W. Hyde of Boston.

The Sarah B. Hyde Scholarship Fund, the bequest of Sarah B. Hyde of Boston.

The W. S. Tyler Class-of-1830 Scholarship Fund, the bequest of Professor William Seymour Tyler of Amherst.

The Class Scholarship Fund, established by and bearing the names, respectively, of:

The Class of 1831	The Class of 1852	The Class of 1858
The Class of 1839	The Class of 1855	The Class of 1861
The Class of 1845	The Class of 1856	The Class of 1865
The Class of 1849	The Class of 1857	The Class of 1869

The Composite Fund, established jointly by the following classes:

The Class of 1829	The Class of 1838	The Class of 1867
The Class of 1835	The Class of 1866	The Class of 1870

The Emily B. Ripley Scholarship Fund, the bequest of Emily B. Ripley of Royalston.

The John C. Kimball Class of 1854 Fund, by bequest of John C. Kimball of Greenfield, Mass.

Funds yielding the following amounts annually:

The State Scholarships, three, covering full tuition.

The Adams Scholarships, three of \$40 each, the bequest of Asahel Adams of North Brookfield.

STUDENT LOAN FUND

Through the liberality of a friend of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes acceptably endorsed and payable one or two years after graduation. The conditions made by the donor of this Fund limit its use to the assistance of students of thorough scholarship who are not preparing for the ministry, and whose habits of expenditure are economical.

A second fund provides for loans to students on similar terms, except that students for the ministry are not excluded.

The committee on student loans meets weekly for the consideration of student loans. Application blanks may be obtained at the Treasurer's office.

Enrollment

SENIOR CLASS

Bedford, Frederick Henry, Jr.	<i>Brooklyn, N. Y.</i>	5 Parsons Street
Bernero, Frank Ambrose	<i>New York, N. Y.</i>	Φ Δ Θ House
Beyer, Emil Henry	<i>South Hadley Falls, Mass.</i>	
	3 Northampton Road	
Bliss, Mervin Washington	<i>Hooksett, N. H.</i>	K Θ House
Bliss, Percival Floyd	<i>Springfield, Mass.</i>	29 Amity Street
Brough, Frank Christopher	<i>Hackensack, N. J.</i>	K Θ House
Brown, Donald Howlett	<i>Minneapolis, Minn.</i>	Ψ T House
Buffington, Kenneth	<i>Kittanning, Pa.</i>	Ψ T House
Burdick, Percy Jay	<i>Ballston Spa, N. Y.</i>	
	3 Northampton Road	
Butler, Earle Dudley	<i>Middletown, Conn.</i>	A Δ Φ House
Carpenter, John Tilney	<i>New York, N. Y.</i>	Φ Δ Θ House
deCastro, Allen John	<i>New York, N. Y.</i>	X Φ House
Chamberlain, Sydney Dakin	<i>Springfield, Mass.</i>	X Φ House
Child, John Randall	<i>Morrisville, Vt.</i>	K Θ House
Childs, Maurice Frederick	<i>Heath, Mass.</i>	K Θ House
Cobb, Edward Sprague	<i>South Orange, N. J.</i>	X Φ House
Cohn, Edwin Joseph	<i>New York, N. Y.</i>	15 Amity Street
Cushman, Solomon Frederick, Jr.	<i>Monson, Mass.</i>	B Θ Π House
Donohue, Jeremiah Joseph	<i>Lynn, Mass.</i>	Chemical Laboratory
Fallass, Charles Henry	<i>Petoskey, Mich.</i>	Chemical Laboratory
Ferris, Frank Halliday	<i>Ridgefield Park, N. J.</i>	K Θ House
Finch, Frank Clifford	<i>Endicott, N. Y.</i>	K Θ House
Firman, Royal	<i>Chicago, Ill.</i>	Δ T House
Gaunt, Merrill Stanton	<i>Methuen, Mass.</i>	X Ψ Lodge
Glann, Charles	<i>Cortland, N. Y.</i>	
	407 Morris Pratt Memorial Dormitory	
Glass, Fred Everett	<i>Bangor, Maine</i>	B Θ Π House
Greene, Walter Farrar	<i>Middletown, Conn.</i>	A Δ Φ House
Gundaker, Guy Harry	<i>Oak Park, Ill.</i>	Θ Δ X House
Hall, Maynard Howes	<i>Ridgewood, N. J.</i>	Σ Δ P House

Hanford, Robert Clinton
Hardy, Paul Wallace
Hersh, Austin Herman

Hickson, Leslie Matheson

Hough, John Kenneth
Hubbard, Silas Graves
Hubbard, Theodore Horace
Hull, Allen Birdsall
Huthsteiner, Louis
Jackson, Frank Stanley
Jewett, Harold Ernest
Kimball, James Richard
Kimball, Richard Montague
Lawrence, Ralph Alphonso
Lewis, Arthur John
Livingstone, Colin
Long, John Cuthbert
Luce, Hallock, Jr.

McGay, Walter Howard
Mallon, Alfred Edward

Miller, Tilford Wentworth
Mills, Charles Morris
Mitchell, John Houston
Morrow, William Otway
Morse, George Verdi
Moulton, Charles Henry
Murphy, Robert John
Outwater, John Ogden
Payne, Philip West
Renfrew, Franklin Ward
Richmond, Clinton Whitman
Rugg, Clarence DeWitt
Rugg, Charles Parks
Seymour, Marlor Boardman
Shattuck, Wendell Phillips
Shaw, Harold Eden
Shrewsbury, Kenneth Oldham

Westfield, N. J. X Ψ Lodge
Amherst, Mass. 15 Lincoln Avenue
Elizabeth, N. J.
105 Morris Pratt Memorial Dormitory
New York, N. Y.

15 South Prospect Street

Erie, Pa. Φ K Ψ House
Amherst, Mass. Φ Γ Δ House
White Plains, N. Y. Φ K Ψ House
Brooklyn, N. Y. Ψ T House
Schenectady, N. Y. X Ψ Lodge
Winthrop, Me. Φ Γ Δ House
Howard, R. I. K Θ House
Orange, Mass. Δ K E House
Foxboro, Mass. Δ K E House
Shutesbury, Mass. Σ Δ P House
Whitman, Mass. Σ Δ P House
Portland, Ore. A Δ Φ House
Brooklyn, N. Y. Θ Δ X House
Riverhead, N. Y.

17 South Prospect Street

Oak Park, Ill. Δ T House
Minneapolis, Minn.
203 Morris Pratt Memorial Dormitory
Hartford, Conn. A Δ Φ House
St. Louis, Mo. A Δ Φ House
New Britain, Conn. Δ K E House
Allenhurst, N. J. X Φ House
Berlin, Mass. Δ T House
Brookfield, Mass. Φ K Ψ House
Nora Springs, Iowa Φ Γ Δ House
New York, N. Y. A Δ Φ House
Omaha, Neb. B Θ II House
Brooklyn, N. Y. Φ Δ Θ House
North Adams, Mass. X Ψ Lodge
Greenfield, Mass. X Φ House
Worcester, Mass. X Φ Annex
Hartford, Conn. A Δ Φ House
Dundee, N. Y. Σ Δ P House
Monson, Mass. Φ K Ψ House
New York, N. Y. Φ Δ Θ House

Shumway, Lowell	Brooklyn, N. Y.	Σ Δ P House
Sicard, Hugh Charles	New York, N. Y.	5 Parsons Street
Smart, Daniel Stevenson	Cambridge, N. Y.	X Ψ Lodge
Smith, Frank Jonathan Ernest	Holyoke, Mass.	Chemical Laboratory
Smith, Walton Kimball	Milwaukee, Wis.	B Θ Π House
Stafford, Fred William	Rutland, Vt.	Φ K Ψ House
Strahan, John Windrum, Jr.	Newark, N. J.	
	105 Morris Pratt Memorial Dormitory	
Suydam, Frederick Dorflinger	Paterson, N. J.	X Φ Annex
Taylor, Frederick Chamberlain	Prescott, Mass.	K Θ House
Taylor, Howard Scattergood	Columbus, N. J.	X Φ House
Tierney, John James	Holyoke, Mass.	Φ Γ Δ House
Tramontana, George Benedict	Brooklyn, N. Y.	
	408 Morris Pratt Memorial Dormitory	
Van Ingen, Richard Storrs	Brooklyn, N. Y.	Φ Δ Θ House
Washburn, George Edward	Boston, Mass.	Δ T House
Whipple, Ralph Wheaton	West Wrentham, Mass.	Σ Δ P House
Whiteford, Cameron	Detroit, Mich.	33 Northampton Road
Whittemore, Ernest Arthur	Worcester, Mass.	Φ Γ Δ House
Wiltzie, George Harold	Cortland, N. Y.	Φ K Ψ House
Young, Roswell Philip	Elmira, N. Y.	A Δ Φ House

JUNIOR CLASS

Agard, Walter Raymond	Austin, Tex.	A Δ Φ House
Allen, Frederick Crosby	Auburndale, Mass.	K Θ House
Atwater, John Jacob	Westhampton Beach, N. Y.	Ψ T House
Bacon, Richard Hamlin	Newton Highlands, Mass.	
		Δ K E House
Bancroft, Richard	Wellesley, Mass.	Φ Δ Θ House
Banfield, Richard	Austin, Minn.	Φ K Ψ House
Banta, Kenneth Whittemore	Binghamton, N. Y.	Δ K E House
Barnes, William Gerald	Brooklyn, N. Y.	8 Spring Street
Bissinger, Frederick Maxwell	San Francisco, Cal.	Σ Δ P House
Blair, Francis Wesley	Amherst, Mass.	12 Northampton Road
Bratt, George Cleveland, Jr.	Grand Rapids, Mich.	Δ T House
Breckenridge, Warren Allen	Omaha, Neb.	B Θ Π House
Bronk, James Edmund	Amsterdam, N. Y.	Ψ T House
Bulger, Maurice Scott	Uniontown, Pa.	B Θ Π House
Cady, Fenimore	Amherst, Mass.	A Δ Φ House

Campbell, John Warnock	<i>Montclair, N. J.</i>	B Θ Π House
Chapman, Frederick Leslie, Jr.	<i>Lake Geneva, Wis.</i>	Ψ T House
Clapperton, George Douglass	<i>Grand Rapids, Mich.</i>	Δ T House
Clark, Dwight Nelson	<i>Norfolk, Conn.</i>	Φ Δ Θ House
Cole, Harry Wing	<i>Saratoga Springs, N. Y.</i>	X Φ House
Cole, Joseph Gerald	<i>Brooklyn, N. Y.</i>	
	301 Morris Pratt Memorial	Dormitory
Conant, Hezekiah Nelson	<i>Pawtucket, R. I.</i>	Ψ T House
Cooper, Raymond Buxton	<i>Des Moines, Iowa</i>	Δ K E House
Craig, James Wallace	<i>Boston, Mass.</i>	
	301 Morris Pratt Memorial	Dormitory
Crilly, William Michael, Jr.	<i>Chicago, Ill.</i>	Θ Δ X House
Cross, John Theodore	<i>Utica, N. Y.</i>	A Δ Φ House
Curry, Clarence Pratt	<i>Portland, Ore.</i>	Ψ T House
Cutler, David Sanford	<i>New York, N. Y.</i>	A Δ Φ House
Cutton, George Leon	<i>Brockport, N. Y.</i>	Σ Δ P House
Eastman, Gardner Pettec	<i>Orange, N. J.</i>	B Θ Π House
Eaton, Louis Franklin	<i>Brockton, Mass.</i>	X Φ Annex
Elliot, Arthur Henry	<i>Port Jefferson, N. Y.</i>	Φ Γ Δ House
Fuller, Everett Webb	<i>Brooklyn, N. Y.</i>	X Ψ Lodge
Fuller, Randolph Mercein	<i>Brooklyn, N. Y.</i>	X Ψ Lodge
Gail, George Philipp Landmann	<i>Roland Park, Md.</i>	X Ψ Lodge
Garfield, Edward Chandler	<i>York Village, Me.</i>	
	71 South Pleasant Street	
Gaus, John Merriman	<i>Utica, N. Y.</i>	A Δ Φ House
Goodwin, Arthur Prentice	<i>Pittsfield, Mass.</i>	Δ K E House
Greene, Phillips Foster	<i>Upper Montclair, N. J.</i>	
	103 Morris Pratt Memorial	Dormitory
Hall, Gordon Rexford	<i>Brookline, Mass.</i>	X Ψ Lodge
Hayner, John Clifford	<i>Yonkers, N. Y.</i>	Θ Δ X House
Heald, Stanley	<i>South Weymouth, Mass.</i>	Δ K E House
Heinritz, Stuart Franklin	<i>Holyoke, Mass.</i>	Σ Δ P House
Herrschaft, Coleman Philip	<i>Brooklyn, N. Y.</i>	Φ Γ Δ House
Houston, Charles Hamilton	<i>Washington, D. C.</i>	
	409 Morris Pratt Memorial	Dormitory
Hubner, George Hartmann	<i>Brooklyn, N. Y.</i>	Ψ T House
Humphries, George Rolfe	<i>Palo Alto, Cal.</i>	Σ Δ P House
Hunneman, William Cooper, Jr.	<i>Brookline, Mass.</i>	Δ K E House
Johnson, Leslie Obeare	<i>Malden, Mass.</i>	
	201 Morris Pratt Memorial	Dormitory
Jones, Marshall Walker	<i>Winchester, Mass.</i>	Φ K Ψ House

Keith, Gerald	<i>Brockton, Mass.</i>	X Φ House
Kimball, Newton Manross	<i>Orange, Mass.</i>	Δ K E House
Kingman, Henry Seldon	<i>Minneapolis, Minn.</i>	X Φ House
Konold, Edwin Harold	<i>Oak Park, Ill.</i>	Δ T House
Langspecht, Henry Thomas	<i>Brooklyn, N. Y.</i>	Φ K Ψ House
Lincoln, Joseph Newhall	<i>Quincy, Mass.</i>	Φ Γ Δ House
Lind, John Eugene	<i>Brooklyn, N. Y.</i>	Σ Δ P House
Lott, James Cropsey	<i>Brooklyn, N. Y.</i>	Φ Δ Θ House
Lyon, Harold Alpheus	<i>Brockton, Mass.</i>	Φ K Ψ House
McCague, Robert Andrew	<i>Omaha, Neb.</i>	X Ψ Lodge
Macdonald, Wilson	<i>Westfield, N. Y.</i>	K Θ House
McGowan, Robert Reed	<i>Steubenville, Ohio</i>	X Φ Annex
*McNair, Maurice Lloyd	<i>Los Angeles, Cal.</i>	15 Spring Street
McTernan, Everett Francis	<i>Brooklyn, N. Y.</i>	Φ Γ Δ House
Mandrey, William Henry	<i>Mount Vernon, N. Y.</i>	11 Gaylord Street
Manville, Arthur Jeremiah	<i>New Haven, Conn.</i>	Φ Γ Δ House
Many, Harold Chase	<i>Port Jefferson, N. Y.</i>	7 Parsons Street
Martin, Charles Daniel	<i>Northampton, Mass.</i>	
Moulton, Robert Seldon	<i>Poughkeepsie, N. Y.</i>	
Muench, Charles Lawrence	204 Morris Pratt Memorial Dormitory	
Newton, Francis Chandler	<i>Arlington, Mass.</i>	Δ K E House
Packard, Sidney Raymond	<i>Reading, Mass.</i>	Δ T House
Person, Raymond Scott	<i>Brockton, Mass.</i>	
Phillips, John Milton	312 Morris Pratt Memorial Dormitory	
Plimpton, Hollis Winslow	<i>Holyoke, Mass.</i>	K Θ House
Pratt, Richardson	<i>New London, Conn.</i>	Φ Γ Δ House
Price, Stuart Eugene	<i>Norwood, Mass.</i>	Δ K E House
Ralston, Arthur Edward	<i>Brooklyn, N. Y.</i>	Δ Δ Φ House
Rankin, William	<i>Columbus, Ohio</i>	Δ T House
Ripley, George Keyes	<i>Piermont, N. Y.</i>	Δ Δ Φ House
†Robinson, Richard Alexander, 3d	<i>Newark, N. J.</i>	Φ Δ Θ House
Rollins, Dana Funk	<i>Troy, N. H.</i>	
Shumway, Conrad	201 Morris Pratt Memorial Dormitory	
Smith, Homer Morgan	<i>Louisville, Ky.</i>	Δ Δ Φ House
Smith, James Kellum	<i>Bloomington, Ill.</i>	B Θ Π House
	<i>Brooklyn, N. Y.</i>	Σ Δ P House
	<i>Redding, Conn.</i>	Θ Δ X House
	<i>Towanda, Pa.</i>	X Ψ Lodge

* Provisional enrollment.

† Special Student.

Smith, James Nichols	<i>Hartford, Conn.</i>	Ψ T House
Smith, Lowell Ridgeway	<i>Winchester, Mass.</i>	Ψ T House
Snider, Joseph Lyons	<i>Uniontown, Pa.</i>	Φ K Ψ House
Swasey, Henry Cleveland	<i>South Berwick, Me.</i>	Φ K Ψ House
Thayer, William Greenough, Jr.	<i>Southboro, Mass.</i>	Ψ T House
Tomlinson, Jay Brinkerhoff	<i>Mount Holly, N. J.</i>	Φ K Ψ House
Van Valkenburg, Edward Alfred	<i>Greene, N. Y.</i>	
	312 Morris Pratt Memorial Dormitory	
Wales, Horatio, Jr.	<i>Polo, Ill.</i>	Φ Γ Δ House
Warren, Webster Hamlin	<i>Falmouth, Mass.</i>	X Φ Annex
Washburn, Arthur Hoyt	<i>Boston, Mass.</i>	Δ T House
Weathers, Paul Dyess	<i>Ocala, Fla.</i>	Ψ T House
Webster, Leslie Tillotson	<i>Mount Vernon, N. Y.</i>	A Δ Φ House
Whiting, William, 2d	<i>Holyoke, Mass.</i>	3 Northampton Road
Whitmore, George Deming	<i>Holyoke, Mass.</i>	K Θ House
Whitten, Philip Francis	<i>Holyoke, Mass.</i>	Δ T House
Wroath, Leon Henry	<i>Auburn, N. Y.</i>	Θ Δ X House

SOPHOMORE CLASS

Ames, Charles Burton	<i>West Newton, Mass.</i>	X Ψ Lodge
Anderson, Robert Jeffrey	<i>Clinton, Mass.</i>	19 Main Street
Andrews, Edward Deming	<i>Pittsfield, Mass.</i>	Δ T House
Andrews, Harold Volk	<i>Pittsfield, Mass.</i>	Δ T House
Ashley, Thomas William	<i>Deerfield, Mass.</i>	A Δ Φ House
Avirett, William Goodwin	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Baker, Walton Chamberlain	<i>Springfield, Mass.</i>	
	412 Morris Pratt Memorial Dormitory	
*Balmos, Harry Leroy	<i>Montclair, N. J.</i>	4 Lessey Street
Barnes, Henry Walter, Jr.	<i>Plymouth, Mass.</i>	Θ Δ X House
Barone, Tony	<i>North Collins, N. Y.</i>	8 Spring Street
Bixler, Julius Seelye	<i>New London, Conn.</i>	A Δ Φ House
†Blanchard, Dean	<i>Winchester, Mass.</i>	Φ K Ψ House
Boynton, Merrill Holmes	<i>Bristol, R. I.</i>	Ψ T House
Brewton, Harold George	<i>Gloucester, Mass.</i>	Φ Δ Θ House
Bristol, Herbert Greene	<i>Glen Ridge, N. J.</i>	Δ T House
Brown, Charles Henry	<i>Chicago, Ill.</i>	A Δ Φ House
Buchanan, Scott Milross	<i>Pittsfield, Mass.</i>	Δ T House

*Provisional Enrollment.

†Special Student.

Chandler, Hazen Atherton
 Chapman, William Gilger
 Charles, Glenn Edward

*Church, Charles Noble
 Clark, Franklin Stetson
 Colton, Kingsley Buel
 Dayton, Theodore Read
 Douglas, Lewis William
 Dugan, Alfonso Gray, Jr.
 Edwards, Theodore Caldwell
 Esty, William Cole, 2d
 Ferguson, Eralsey Clark
 Gallup, Clarence Westcott
 Gates, William, Jr.
 Gillett, Robert Swift
 Gillies, Harold Lusk
 Gilligan, James Tierney
 Goodridge, Edwin Harrison
 Graham, Roland Boswell
 Greene, Paul Stevens

Hardy, Donald Egbert
 Heavens, Howard Joseph
 Hitchcock, Charles Hanchett
 Hoffman, Amzi Fisher
 Hughes, Percy Meredith, Jr.
 Jenkins, John Maxey
 Johnson, Herbert Gale
 Keeney, George Nelson
 Knapp, Lewis Mansfield
 Knowlton, Wilbur Clark
 Lane, George Homer
 Leonard, Wallace Minot
 Lutkins, Edwin Henry
 McCloy, John Snader
 McCrum, Douglas Stuart
 Mansfield, Ralph Leslie
 Marks, Alan David

Montpelier, Vt. Δ K E House
Russell, Pa. Φ Δ Θ House
Warsaw, N. Y.

207 Morris Pratt Memorial Dormitory

Millbury, Mass. Δ T House
North Amherst, Mass. Θ Δ X House
Chicago, Ill. Φ Δ Θ House
Georgetown, Conn. Δ T House
Douglas, Ariz. Δ Δ Φ House
Hinsdale, Ill. Δ K E House
Brooklyn, N. Y. B Θ Π House
Bethlehem, Pa. Ψ T House
Brookline, Mass. Φ Δ Θ House
North Adams, Mass. X Ψ Lodge
Pittsburgh, Pa. Ψ T House
Hartford, Conn. Δ Δ Φ House
Nyack, N. Y. Ψ T House

Holyoke, Mass.
Fitchburg, Mass. Φ K Ψ House
Bloomington, Ill. Φ Γ Δ House
Boston, Mass.

311 Morris Pratt Memorial Dormitory

Amherst, Mass. 15 Lincoln Ave.
Plymouth, Mass. Σ Δ P House
Chittenango, N. Y. Φ K Ψ House
Califon, N. J. Θ Δ X House
Syracuse, N. Y. Ψ T House
Montrose, Pa. B Θ Π House
Amherst, Mass. 11 South Prospect St.
New London, Conn. Θ Δ X House
Groton, Mass. Δ T House
Kirkwood, Mo. B Θ Π House
West Hartford, Conn. Δ Δ Φ House
Newton Highlands, Mass. Δ K E House
Hackensack, N. J. K Θ House
Philadelphia, Pa. B Θ Π House
Oneonta, N. Y. Θ Δ X House
Fishkill, N. Y. Φ Γ Δ House
New York, N. Y.

302 Morris Pratt Memorial Dormitory

*Provisional Enrollment.

Marshall, Donald Earle
 Meredith, Lawrence Cornelius
 *Miller, James Boreland
 Milne, Douglas Duncan
 Munro, Thomas Boston

Murray, John Scott
 Nash, Willard Owen
 Noyes, Radcliffe Dana
 Otte, Francis Robert
 Park, Robert Hodges
 Peck, Charles Baldwin, Jr.
 Proctor, Robert Matthews
 Reber, John Uhrich
 Redfield, Humphrey Fuller
 *Reed, Howard Finlay
 *Reed, Kenneth Samuel
 †Rider, Stuart Williams
 Robinson, Homans

Rockwell, Robert Neal
 Sawyer, Edmund Ellis
 Sawyer, Harold Edmund
 †Seamans, Elton Henry
 Shaw, Leo Nelson
 Smith, Everitt Groff
 Smith, Winthrop Hiram
 Stearns, Douglas Clark,

Stevenson, David

Stiles, Wayne Peffers
 Stinson, Eugene
 †Tow, William H.
 Ver Nooy, Lester Carlton
 Washburn, Alfred Hamlin
 Washburn, George Winslow

Weeden, Charles Foster, Jr.

*Provisional enrollment.
 †Special Student.

Amherst, Mass. 4 Nutting Avenue
Jamestown, N. Y. Φ Δ Θ House
Pittsburgh, Pa. Δ K E House
Hartsdale, N. Y. Ψ T House

Allendale, N. J.
 206 Morris Pratt Memorial Dormitory
Auburn, N. Y. Ψ T House
Amherst, Mass. Φ Γ Δ House
Montclair, N. J. Δ T House
Grand Rapids, Mich. Ψ T House
Taunton, Mass. B Θ Π House
Rochester, N. Y. Ψ T House
Corning, N. Y. Physical Laboratory
Reading, Pa. Ψ T House
Washington, D. C. A Δ Φ House
Roxbury, Ohio Φ Δ Θ House
Portland, Ore. A Δ Φ House
Auburndale, Mass. A Δ Φ House
Springfield, Mass.

212 Morris Pratt Memorial Dormitory
Union City, Pa. Chi Phi Annex
Hackensack, N. J. K Θ House
Pawtucket, R. I. Ψ T House
Springfield, Mass. Φ Γ Δ House
Auburn, N. Y. Θ Δ X House
St. Louis, Mo. B Θ Π House
South Hadley Falls, Mass. Δ T House
Norfolk, Conn.

304 Morris Pratt Memorial Dormitory
Cambridge, Mass.

202 Morris Pratt Memorial Dormitory
Amherst, Mass.
Evansville, Ind. Φ K Ψ House
New York, N. Y. Gymnasium
Cortland, N. Y. Φ K Ψ House
Boston, Mass. Δ T House
Brockton, Mass.

212 Morris Pratt Memorial Dormitory
Dorchester, Mass. A Δ Φ House

Whetstone, Lambert Frye	<i>Germantown, Pa.</i>	Λ Δ Φ House
White, Arthur Platt	<i>Corning, N. Y.</i>	K Θ House
Wood, Lee Blair	<i>Corry, Pa.</i>	Φ K Ψ House
Young, Burbank Chase	<i>Rochester, N. Y.</i>	
	206 Morris Pratt Memorial Dormitory	
Young, Laurence Henry	<i>Bloomington, Ill.</i>	
	303 Morris Pratt Memorial Dormitory	
Young, Malcolm Oakman	<i>North Hanover, Mass.</i>	
	4 North Prospect Street	

FRESHMAN CLASS

Ames, Waldo Boynton	<i>Oak Park, Ill.</i>	32 North College
Anthony, Henry Franklin	<i>Providence, R. I.</i>	
	310 Morris Pratt Memorial Dormitory	
Appleby, Theodore Franklin	<i>Asbury Park, N. J.</i>	10 South College
Baer, Bernard Louis	<i>New York, N. Y.</i>	22 North College
Baily, George Irving	<i>Brooklyn, N. Y.</i>	
	109 Morris Pratt Memorial Dormitory	
Baker, Charles Howard	<i>Sharon, Mass.</i>	Gymnasium
Baker, Myers Elliott	<i>Great Neck, N. Y.</i>	8 South College
Ball, Ralph B.	<i>Corning, N. Y.</i>	Physics Laboratory
Banta, Henry Hyde	<i>Syracuse, N. Y.</i>	29 South College
Baril, George Everett	<i>Holyoke, Mass.</i>	
Bartholomew, Charles Henry	<i>Binghamton, N. Y.</i>	29 South College
Bell, Carlton Leroy	<i>Attleboro, Mass.</i>	
	110 Morris Pratt Memorial Dormitory	
Bell, Frederick Drake	<i>New York, N. Y.</i>	21 North College
Blair, Earle Franklin	<i>Amherst, Mass.</i>	12 Northampton Road
Boyd, Harmon Shove	<i>Woodbury, Conn.</i>	9 North College
Bristol, Ralph Buffum	<i>Glen Ridge, N. J.</i>	32 North College
Brown, Osborn Whitney	<i>Ben Avon, Pa.</i>	
	306 Morris Pratt Memorial Dormitory	
Brown, Theodore Everett	<i>Worcester, Mass.</i>	11 North College
Brunjes, George Richard	<i>Dobbs Ferry, N. Y.</i>	20 Lessey Street
Buckley, Frank Lawrence	<i>Holyoke, Mass.</i>	12 North College
Carpenter, Kenneth deForest	<i>Brooklyn, N. Y.</i>	27 North College
deCastro, Ralph E.	<i>New York, N. Y.</i>	21 North College
Clark, John Dodge	<i>Brooklyn, N. Y.</i>	A South College
Clark, Lloyd Montgomery	<i>Boston, Mass.</i>	9 South College

Clarke, Arthur Merriam
Cochrane, Craig Parsons

Copeland, Morris Albert
Craig, David Rankin, Jr.

*Creamer, John Francis
DeBevoise, Herbert R.

D'Ooge, Benjamin Stanton

Downer, Ernest Page
Eisner, Mortimer

Elish, Karl Marx
Fillman, Henry Ingerton
Fisher, Robert Miller
Fuller, Henry Harrison

Gard, Charles Campbell

Gazley, John Gerow
Glann, James Everett

Godfrey, Edgar Lewis

Goodhue, Elbridge Alvah
Goodrich, Sheldon Baker

Hale, David Clendon
Hawkes, Franklin Powers
Hawkins, James Alexander
Heaslip, John William
Hinman, George
Hobart, Richard Townley

Howard, Samuel Anton, Jr.
Ivimey, Theodore

Jenkins, Paul Alexander
Jessup, Charles J.

* Provisional enrollment.

Wellesley, Mass. 1 Woodside Avenue
Rochester, N. Y.

305 Morris Pratt Memorial Dormitory
Rochester, N. Y. 23 North College
Boston, Mass.

309 Morris Pratt Memorial Dormitory
Fall River, Mass. Δ K E House
Newark, N. J.

104 Morris Pratt Memorial Dormitory
Ypsilanti, Mich.

401 Morris Pratt Memorial Dormitory
Montrose, Pa. Gymnasium
Newark, N. J.

108 Morris Pratt Memorial Dormitory
Brooklyn, N. Y. 19 North College
New York, N. Y. 27 South College
Indiana, Pa. 25 South College
Shelter Island Heights, N. Y.

18 South College
Hamilton, Ohio

208 Morris Pratt Memorial Dormitory
White Plains, N. Y. 4 South College
Corland, N. Y.

407 Morris Pratt Memorial Dormitory
Gardner, Mass.

405 Morris Pratt Memorial Dormitory
Haydenville, Mass.
Taunton, Mass.

402 Morris Pratt Memorial Dormitory
Cambridge, Mass. C North College
North Attleboro, Mass. A North College
Springfield, Mass. 28 North College
Brooklyn, N. Y. 27 South College
St. Johnsbury, Vt. C South College
Upper Montclair, N. J.

406 Morris Pratt Memorial Dormitory
Rutland, Vt. 23 South College
New York, N. Y.

411 Morris Pratt Memorial Dormitory
Omaha, Neb. 4 Lessey Street
Brooklyn, N. Y. Mount Doma

Johnson, Brooks Elmo	<i>New Rochelle, N. Y.</i>	26 North College
Jones, Chandler Tracy	<i>Orleans, Mass.</i>	9 North College
Kambour, Theodore	<i>Plymouth, N. H.</i>	32 South College
Katz, Richard, Jr.	<i>New York, N. Y.</i>	15 Amity Street
Keezer, Dexter Merriam	<i>Denver, Col.</i>	8 South College
Kimball, Bradford Fisher	<i>Amherst, Mass.</i>	25 Woodside Avenue
Kohout, Harry Joseph	<i>Amherst, Mass.</i>	3 Parsons Street
Lanyon, William Edward	<i>St. Louis, Mo.</i>	16 North College
Lemcke, Norman Rhode	<i>New York, N. Y.</i>	Gymnasium
Lestrade, Paul C.	<i>Providence, R. I.</i>	
Lewis, Cyril Blackmore		102 Morris Pratt Memorial Dormitory <i>Ypsilanti, Mich.</i>
Lewis, William Atwood		401 Morris Pratt Memorial Dormitory <i>Somerville, Mass.</i>
Loomis, Edward Francis		12 North College <i>Haydenville, Mass.</i>
Loomis, William Fitch		402 Morris Pratt Memorial Dormitory <i>Bedford, Mass.</i>
Low, Carroll Blakely		412 Morris Pratt Memorial Dormitory <i>Brooklyn, N. Y.</i>
McCague, Lawrence Minot		26 South College <i>Omaha, Neb.</i>
McGarrahan, John Cooley		406 Morris Pratt Memorial Dormitory <i>Cohoes, N. Y.</i>
McGowan, Charles Batchelor		208 Morris Pratt Memorial Dormitory <i>Steubenville, Ohio</i>
McGowan, Royal Edmund		10 South College <i>Youngstown, N. Y.</i>
McLaughlin, Tobias John		305 Morris Pratt Memorial Dormitory <i>Auburn, N. Y.</i>
Maloney, Edward James		17 South College <i>Amherst, Mass.</i>
Marks, Eric Henry		12 South Prospect Street <i>New York, N. Y.</i>
Marks, Frederic Bliss		211 Morris Pratt Memorial Dormitory <i>Newtonville, Mass.</i>
Marples, Edward Stuart		10 North College <i>Evanston, Ill.</i>
Mason, Alfred DeWitt		205 Morris Pratt Memorial Dormitory <i>Brooklyn, N. Y.</i>
Maurer, Keith Landon		21 South College <i>Northampton, Mass.</i>
Maynard, Charles Edgar		<i>Northampton, Mass.</i>
Melcher, Herbert Henry		<i>Mt. Vernon, N. Y.</i>
Metcalf, Robert Drayton		101 Morris Pratt Memorial Dormitory <i>Norwood, Mass.</i>
Middleton, Robert Avery		7 South College <i>Utica, N. Y.</i>
		4 Lessey Street

Miller, William Melbourne	<i>New York, N. Y.</i>
Moginot, Francis Louis	308 Morris Pratt Memorial Dormitory
Moore, Henry Wilson	<i>St. Louis, Mo.</i> D North College
Moore, Robert Francis	<i>Brockport, N. Y.</i> 6 North College
Morrow, David Warman	<i>Brooklyn, N. Y.</i> 31 South College
Morse, Edward Wilson	<i>Allenhurst, N. J.</i> 10 South College
Munroe, Robert	<i>Worcester, Mass.</i> 11 North College
Murray, Joseph John	<i>Oakmont, Pa.</i> 5 South College
Neiley, Geoffrey Cooke	<i>Worcester, Mass.</i> Φ Γ Δ House
Nelligan, Thomas Hayes	<i>Winchester, Mass.</i> Ψ Τ House
Norton, Cyril Francis	<i>Amherst, Mass.</i> 11 Sunset Avenue
O'Brien, Richard Atlee	<i>Northampton, Mass.</i>
Patterson John A.	<i>Maplewood, N. J.</i> 8 North College
Perkins, Roger Conant	<i>Wayland, Mass.</i> 3 Northampton Road
Pettee, Herbert Bachellor	<i>Manchester, Vt.</i> 2 South College
	<i>Providence, R. I.</i>
	307 Morris Pratt Memorial Dormitory
Plimpton, Barton Fiske	<i>Hollis, N. Y.</i> 1 South College
Plough, Paul Howard	<i>New York, N. Y.</i>
	411 Morris Pratt Memorial Dormitory
Proctor, Edward Ross	<i>Ridgefield Park, N. J.</i>
	409 Morris Pratt Memorial Dormitory
Rauschenbusch, Hilmar Ernst	<i>Rochester, N. Y.</i> 23 North College
Robinson, Hayden Dutton	<i>Brownsville, Pa.</i> 6 South College
Rome, Gardiner H.	<i>Brooklyn, N. Y.</i> 31 South College
Romer, Alfred Sherwood	<i>White Plains, N. Y.</i> 4 South College
Root, Everett Merrill	<i>Somerville, Mass.</i> 15 South College
Ross, Raymond Thomas	<i>Crawfordsville, Ind.</i>
	205 Morris Pratt Memorial Dormitory
Sanders, Frank Knight, Jr.	<i>Topeka, Kan.</i> 25 South College
Scandrett, Jay Johnson Morrow	<i>Pittsburgh, Pa.</i> 6 South College
Schmid, Herbert William	<i>Providence, R. I.</i>
	307 Morris Pratt Memorial Dormitory
Shumway, Eric	<i>Brooklyn, N. Y.</i> 28 North College
Sibley, Walcott Ellis	<i>Wellesley Hills, Mass.</i>
	210 Morris Pratt Memorial Dormitory
Sleeper, Frank MacDonald	<i>Wellesley, Mass.</i>
	3 Northampton Road
Smith, Harold Addison	<i>Springfield, Mass.</i> 2 South College
Spear, Irving Lewis	<i>Amherst, Mass.</i> 8 Dickinson Street
Stapleton, Luke Daniel	<i>Brooklyn, N. Y.</i> 27 North College

Stark, Whitney Williams	<i>Brooklyn, N. Y.</i>	26 North College
Swett, Jesse Freeman	<i>Brookline, Mass.</i>	
	306 Morris Pratt Memorial Dormitory	
Tehan, William Henry	<i>Auburn, N. Y.</i>	17 South College
Temple, Donald Edward	<i>Greenfield, Mass.</i>	3 Northampton Road
Thomas, Donald Eugene	<i>Attleboro, Mass.</i>	
	210 Morris Pratt Memorial Dormitory	
Vaughn, Herbert Getty	<i>Fort Ann, N. Y.</i>	19 Main Street
Vielbig, Joseph Frederick	<i>Brooklyn, N. Y.</i>	Mount Doma
Wadhams, Robert Wiltsie	<i>Pittsford, N. Y.</i>	
	304 Morris Pratt Memorial Dormitory	
Wells, Henry Willis	<i>New York, N. Y.</i>	
	405 Morris Pratt Memorial Dormitory	
Whitcomb, John Leonard	<i>Brockton, Mass.</i>	
	305 Morris Pratt Memorial Dormitory	
Widmayer, Theodore L.	<i>Bronx, New York</i>	19 Amity Street
Wilbar, Wadsworth	<i>Taunton, Mass.</i>	
	109 Morris Pratt Memorial Dormitory	
Williamson, Raymond Eccleston		
Seveira	<i>White Plains, N. Y.</i>	8 Spring Street
Willis, Barnard	<i>St. Louis, Mo.</i>	16 North College
Witney, William Reilly	<i>Brockport, N. Y.</i>	6 North College
Woodward, Rufus Stanley, Jr.	<i>Worcester, Mass.</i>	
	406 Morris Pratt Memorial Dormitory	
Yawger, Marmaduke Rogers	<i>Brooklyn, N. Y.</i>	21 South College

Summary of Enrollment

FELLOWS	4
SENIORS	87
JUNIORS	98
SOPHOMORES	97
FRESHMEN	134
<hr/>	
TOTAL	420

CLASSIFICATION BY RESIDENCE

Massachusetts	142	California	3
New York	128	New Hampshire	3
New Jersey	32	Oregon	3
Pennsylvania	21	District of Columbia	2
Connecticut	17	Indiana	2
Illinois	14	Iowa	2
Rhode Island	8	Wisconsin	2
Ohio	6	Arizona	1
Vermont	6	Colorado	1
Michigan	5	Florida	1
Nebraska	5	Kansas	1
Maine	4	Kentucky	1
Minnesota	4	Maryland	1
Mississippi	4	Texas	1
<hr/>			
Total			420



PRATT GYMNASIUM

Publications

THE annual catalogue is sent to all the alumni of the College, to all schools from which students are received, and to any who ask for it.

An address list of living alumni is issued once in two years.

A general catalogue of the Officers of Government and Instruction and of the Alumni and Honorary Graduates is issued quinquennially.

A record of graduates deceased during the year is issued annually in Commencement week.

STUDENT PUBLICATIONS

The Y. M. C. A. Handbook, published and distributed annually by the Christian Association, contains information chiefly useful to new students.

A semi-weekly paper, *The Amherst Student*, containing college news, accounts of games, notices of alumni, and discussion of college affairs, is issued by an editorial board of students.

The Amherst Monthly, conducted by students, contains articles, essays, poems, stories, and book notices.

The Olio, published annually by the Junior class, contains names of the members of fraternities, of officers and members of athletic, musical, literary, and dramatic organizations, of students receiving prizes and honors, and various matters of interest to the College.

ALUMNI PUBLICATIONS

The Amherst Graduates' Quarterly is published in October, January, April and June. It contains articles of edu-

cational value, news of the Alumni, accounts of undergraduate activities, reviews of books, and various matters of interest to Alumni. Communications for the Editor should be addressed to Prof. John F. Genung, Amherst, Mass. All business communications and subscriptions should be sent to *Amherst Graduates' Quarterly*, Amherst, Mass.

Railroad Connections

THE Boston and Maine Railroad (Central Massachusetts division), between Boston and Northampton, passes through Amherst.

The Central Vermont Railroad, connecting at Palmer with the Boston and Albany Railroad, passes through Amherst.

There are electric street railways from Amherst to Northampton, Holyoke, Sunderland, and Pelham.

SPECIAL RAILROAD RATES AT COMMENCEMENT

The College expects to be able to secure special railroad rates on the certificate plan for those who attend the exercises of the Commencement season. Information concerning this matter may be obtained in May or June from secretaries of classes and alumni associations.

VISITORS

Visitors are always welcome at Amherst College. During the months of July and August the college employs a student guide who may be found at the Christian Association Rooms from eight-thirty A.M. to five-thirty P.M. The services of the guide are without fee.

During the remainder of the year a guide will be furnished upon application at the Registrar's Office.

INFORMATION

All requests for information should be addressed to the Registrar, Amherst College, Amherst, Mass.

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Index

Administration, 18
Admission, 29
 conditions, 52
 by certificate, 50
 by certificate of examinations, 51
 preliminary examinations, 47
 prize, 106
 requirements for, 29
 subjects of examinations, 29, 32
 time, places, and order of examinations, 48, 49
 to advanced standing, 52, 53
Advanced standing, 52, 53
Advisers, 22
Aid, Beneficiary and Scholarship, 110
Alumni Associations, 132
Art, Mather Collection of, 88
 A Hendance, 19, 20

Bachelor of Arts, 23
Bachelor of Science, 23
Beneficiary Aid, 110
Buildings and Equipment, 87

Calendar, 4, 5
Chapel, 19, 91
Charitable Funds, Overseers of, 8
Choir, 80
Chorus and Orchestra, 80
Church, 19, 20, 92
Commencement, 98
 speakers at, 98
Committees of the Faculty, 14
Conditions, Entrance, 52
Corporation, 7
Courses of Instruction, 55

Degrees:
 Bachelor of Arts, 23
 Bachelor of Science, 23
 conferred in 1913, 26-28
 Master of Arts, 24
Dormitories, 95

Examinations for Admission, 47-50,
 51
 certificate of, 51
 for advanced standing, 53
 preliminary and final, 47
 subjects of, 29, 32
Examinations in June, 48
Examinations in September, 49, 50
Expenses, 19
Extra Courses, 21

Faculty, 9
Fellows, 16
Fellowships, 108-109
Final Honors, 99, 100
Freshman Class, 123
Freshman Studies, 56

Graduation in less than 4 years, 24
Gymnasium, 20, 92

Halls, 91
Health Cottage, 94
Hitchcock Memorial Field, 93
Honorable Mention, 100-102
Honors, 99-102

Information, Requests for, 131

Junior Class, 117

Laboratories and Museums, 89

Laboratory Fees, 18

Lectureships, 86

Library, 87

Loan Fund, Student, 114

Master of Arts, Degree of, 24

Natatorium, 92

Observatory, 90

Organization, 6

Phi Beta Kappa, 98, 99

Physical Education, 20

Porter Admission Prize, 106

Preachers, College, 16

Preliminary Examinations, 47

Prizes, 103-107

Publications, 129

Railroad Connections, 131

Railroad Rates, Special Commence-
ment, 131

Reports of Standing, 21

Room-rents, 97

Scholarship Aid, 110

Senior Class, 115

Skating Rink, 93

Sophomore, 120

Special Course, 31, 59

Students:

Classification by Residence, 128

Freshman Class, 123

Junior Class, 117

Senior Class, 115

Sophomore Class, 120

Summary of, 128

Studies, Rules for Electing, 59

Term Bills, 18

Terms, 18

Tuition, 18

Vacations, 111

Visitors, 131

